

# BRIGHAM YOUNG UNIVERSITY QUARTERLY

*Vol. XI*

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## ANNUAL CATALOGUE



*FOR THE SCHOOL YEAR 1916-17*

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Brigham Young University  
QUARTERLY

*Annual Catalogue*  
*For the School Year 1916-17*

Published by  
The Brigham Young University  
Provo, Utah



# University Calendar

## 1916

- September 25, 26, (Monday and Tuesday) Registration of students.  
September 27, (Wednesday) Instruction begins.  
October 16, (Monday) Founder's Day.  
November 23, 24, (Thursday and Friday) Thanksgiving recess.  
December 22, (Friday evening) Christmas vacation begins.

## 1917

- January 2, (Tuesday) Instruction resumed.  
January 26, (Friday) First Semester ends.  
January 29, (Monday) Second Semester begins.  
February 12, (Monday) Lincoln's Birthday. (Special Program.)  
February 22, (Thursday) Washington's Birthday. (Special Program.)  
April 5, (Thursday evening) to April 10 (Tuesday morning) Conference vacation.  
May 27, (Sunday evening) Baccalaureate Sermon.  
May 25, 28, 29, 30, Final examinations.  
May 31, Exhibition Day.  
June 1, (Friday) Forty-first Commencement Exercises.



# Church School Officers

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## GENERAL CHURCH BOARD OF EDUCATION

JOSEPH F. SMITH

WILLARD YOUNG

GEORGE H. BRIMHALL

ANTHON H. LUND

RUDGER CLAWSON

CHARLES W. PENROSE

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ORSON F. WHITNEY

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## GENERAL SUPERINTENDENT OF CHURCH SCHOOLS

HORACE H. CUMMINGS

## CHURCH BOARD OF EXAMINERS

HORACE H. CUMMINGS

GEORGE H. BRIMHALL

C. N. JENSEN

GUY C. WILSON

# Authorities of the Brigham Young University

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## BOARD OF TRUSTEES

JOSEPH F. SMITH, President

JESSE KNIGHT, Vice-President

WILSON H. DUSENBERRY

STEPHEN L. CHIPMAN

SUSA YOUNG GATES

RICHARD W. YOUNG

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REED SMOOT

JONATHAN S. PAGE, JR.

LAFAYETTE HOLBROOK

JOSEPH F. SMITH, JR.

EDWARD H. HOLT, Secretary and Treasurer

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JOSEPH R. MURDOCK

WILSON H. DUSENBERRY

REED SMOOT

JONATHAN S. PAGE, JR.

## VISITING COMMITTEE

SUSA YOUNG GATES

STEPHEN L. CHIPMAN

JESSE KNIGHT

WILLARD YOUNG

JOSEPH F. SMITH, JR.

The High School District of the Brigham Young University comprises the following stakes of Zion: Utah, Alpine, Nebo, Wasatch, and Juab.

# University Council

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GEORGE H. BRIMHALL, B.Pd., D.Sc.D., President.

JOSEPH B. KEELER, D.B., M.Ac., First Counselor.

AMOS N. MERRILL, B.S., M.S., Second Counselor.

EDWARD H. HOLT, B.Pd., Secretary.

JOHN E. HAYES, Registrar.

ANNIE L. GILLESPIE, Librarian.

JAMES L. BROWN, B.S.

WM. H. BOYLE, A.B.

ANTHONY C. LUND, D.B.

ELBERT H. EASTMOND, B.Pd.

JOHN C. SWENSON, A.B.

ALFRED OSMOND, A.B.

CHARLES E. MAW, M.A.

ALICE L. REYNOLDS, A. B.

VILATE ELLIOTT, B.Pd.

EUGENE L. ROBERTS.

LOTTIE HARRIS, A.B.

CARL F. EYRING, M.A.

MARY J. OLLERTON, A.B.

MARTIN P. HENDERSON, Ph.D.

CHARLES W. WHITAKER, A.B.

L. H. PETERSON, A.B., A.M.

W. E. MORGAN, M.A.



# The Faculty

---

GEORGE H. BRIMHALL, B. Pd., D. Sc. D.,  
*President.*

JOSEPH B. KEELER, D. B., M. Ac.,  
*First Counselor in the Presidency and Supervisor of Theology.*

AMOS N. MERRILL, B. S., M. S.,  
*Second Counselor in the Presidency, Dean of the Church Teachers'  
College.*  
*Professor of Agriculture.*

EDWARD H. HOLT, B. Pd.,  
*Secretary of the Faculty.*  
*Head of Department of Business Education.*

JOHN E. HAYES,  
*Registrar.*  
*Instructor in Mathematics.*

ANNIE L. GILLESPIE,  
*Librarian.*

JAMES L. BROWN, B. S.,  
*Professor of Education.*

ANTHONY C. LUND, D. B.,  
*Professor of Music.*

ERNEST D. PARTRIDGE, B. S., C. E.,  
*Professor of Agricultural Engineering.*

JOHN C. SWENSON, A. B.,  
*Professor of Economics and Sociology.*

CHARLES E. MAW, M. A.,  
*Professor of Chemistry.*

ELBERT H. EASTMOND, B. Pd.,  
*Professor of Fine and Correlated Arts.*  
Head of Department of Arts and Manual Training.

ALFRED OSMOND, A. B.,  
*Professor of English.*

HARVEY FLETCHER, Ph. D.,\*  
*Professor of Physics and Mathematics.*

EUGENE L. ROBERTS, A. B.,  
*Professor of Physical Education.*

ALICE L. REYNOLDS, A. B.,  
*Professor of English Literature.*

CHRISTEN JENSEN, A. M.,\*  
*Professor of History and Government.*

EDWIN H. SMART, A. B.,  
*Professor of Horticulture.*

VILATE ELLIOTT, B. Pd.,  
*Professor of Domestic Art.*

ROBERT SAUER,  
*Professor of Music (Wind Instruments).*

MOSES GUDMUNDSON,  
*Professor of Music (Violin).*

\*On leave of absence.

## BRIGHAM YOUNG UNIVERSITY

CHARLES R. JOHNSON,

*Professor of Music (Voice, Piano, and Public School Music).*

N. L. NELSON, B. Pd.,

*Professor of Rhetoric and Composition.*

DEAN R. BRIMHALL, M. A.,\*

*Professor of Education.*

Director of Secondary Training.

CARL F. EYRING, M. A.,

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FRED BUSS, A. B.,

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MARTIN P. HENDERSON, Ph. D.,

*Professor of Biology.*

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*Professor of Foreign Languages.*

L. H. PETERSON, A. B., A. M.,

*Professor of Education.*

W. E. MORGAN, A. B., A. M.,

*Professor of History and Government.*

IDA S. DUSENBERRY, B. Pd.,

*Assistant Professor of Education.*

\*On leave of absence.



BENT F. LARSON, A. B.,  
*Assistant Professor of Art and Manual Training.*

WM. J. SNOW, A. B.,  
*Assistant Professor of History and Government.*

M. WILFORD POULSON, A. B.,  
*Assistant Professor of Education.*

SHERWIN MAESER, A. B.,  
*Assistant Professor of Physics and Mathematics.*

ARETTA YOUNG, B. Pd.,  
*Special Instructor in Art.*

HERALD CLARK,  
*Instructor in Accounting and Commerce.*

HANS ANDERSON,  
*Instructor in Ironwork.*

FERNANDA EYRING, A. B.,  
*Instructor in Domestic Art.*

ARMOREL DIXON, A. B.,  
*Instructor in Oral Expression and Physical Education.*

JOHN G. McQUARRIE,  
*Instructor in Woodwork.*

THATCHER C. JONES, B. S.,  
*Instructor in Accounting and Commerce.*

**SECONDARY TRAINING SCHOOL FACULTY**

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L. H. PETERSON, A. B., A. M., *Director.*

JOSEPH B. KEELER, D. B., *Theology.*

N. L. NELSON, B. Pd., *English.*

C. F. EYRING, M. A., *Physics.*

CHARLES E. MAW, M. A., *Chemistry.*

WILLIAM J. SNOW, A. B., *History.*

FRED BUSS, A. B., *Physiography.*

EDWIN H. SMART, A. B., *Agriculture and Horticulture.*

E. H. EASTMOND, B. Pd., *Arts and Manual Training.*

ANTHONY C. LUND, D. B., *Music.*

THATCHER C. JONES, B. S., *Business Education.*

EUGENE L. ROBERTS, *Physical Education.*

JOHN C. SWENSON, A. B., *Sociology and Economics.*

LOTTIE HARRIS, A. B., *Domestic Science.*

MARTIN P. HENDERSON, Ph. D., *Biology.*

ANNIE GILLESPIE, *Library Economy.*

**ELEMENTARY TRAINING SCHOOL FACULTY**

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MARY J. OLLERTON, A. B., *Director.*

M. WILFORD POULSON, A. B., *Assistant Director.*

HERMESE PETERSON, *Assistant Director.*

IDA S. DUSENBERRY, B. Pd., *Kindergarten.*

BENT F. LARSON, A. B., *Art and Manual Training.*

CHARLES R. JOHNSON, *Vocal Music.*

MARTIN MORTENSEN, JR., A. B., *Critic and Grade Teacher.*

RUFUS JACOBSON, *Critic and Grade Teacher.*

FANNIE McLEAN, B. Pd., *Critic and Grade Teacher.*

PEARL SNOW, *Critic and Grade Teacher.*

ELIZABETH LINDSAY, *Critic and Grade Teacher.*

FLOY LARSEN, *Critic and Grade Teacher.*

MARGARET WILLIAMS, *Critic and Grade Teacher.*

\_\_\_\_\_, *Critic and Grade Teacher.*



## STANDING COMMITTEES

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The President is *ex-officio* a member of all committees.

*Admission and Graduation*—Amos N. Merrill, James L. Brown, E. H. Holt, E. H. Eastmond, A. C. Lund, Alfred Osmond, Wm. H. Boyle.

*Credits*—C. W. Whitaker, John E. Hayes, C. E. Maw.

*Library*—Alice L. Reynolds, Annie Gillespie, Wm. J. Snow, J. M. Jensen, Joseph B. Keeler.

*Lectures and Musicales*—John C. Swenson.

*Social Affairs*—E. L. Roberts, Armorer Dixon.

*Student Aid and Employment*—E. H. Smart, Bessie Iverson.

*Petitions*—E. D. Partridge, Carl F. Eyring, John E. Hayes.

*Athletics*—L. H. Peterson, C. R. Johnson, E. H. Holt, E. L. Roberts, J. Wm. Knight, President of Student Body, President of Alumni Association.

*Eligibility*—M. P. Henderson, N. L. Nelson, M. S. Gudmundson.

*Printing and Publicity*—E. H. Holt, N. L. Nelson, E. H. Eastmond, Thatcher C. Jones, John G. McQuarrie, Editor White and Blue, Editor Banyan.

*Schedules of Events*—John E. Hayes, J. C. Swenson, E. L. Roberts.

*Schedules of Classes*—E. H. Holt, Bessie Iverson.

*Extension Work*—James L. Brown, John C. Swenson, W. E. Morgan.

*Care of Girls and Women's Activities*—Alice L. Reynolds, Margaret H. Eastmond, Annie Stevens Palmer, Vilate Elliott, Lottie Harris, Lydia Hasler Candland, Lydia Stevens Merrill, Hattie Thornton Snow, Margaret Wright Murdock, Belle Wilson.

# Brigham Young University

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## HISTORY

For the first twenty-eight years of its existence, the institution now designated as the Brigham Young University was known as the Brigham Young Academy. It was founded by a deed of trust executed by President Brigham Young, October 16, 1875. A tentative session, beginning shortly after, and closing in February, 1876, was conducted by Honorable W. N. Dusenberry. A month later the preliminary session was resumed and conducted for six weeks under the principalship of Dr. Karl G. Maeser, who had been called by the founder to take permanent charge of the school. The first academic year was formally opened August 21, 1876, the dedicatory prayer being offered by Daniel H. Wells. Dr. Maeser continued as principal for fifteen years, when he was promoted to the general superintendency of the Church schools; and Dr. Benjamin Cluff, Jr., was chosen to take this place. In 1894, when regular heads or principals of departments were appointed, the title of the executive was changed to that of President, and some time after a presidency was effected with George H. Brimhall and Joseph B. Keeler as counselors.

The first Board of Trustees consisted of seven members, viz., Abraham O. Smoot, William Bringham, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Martha J. Coray, and Leonard E. Harrington. A reorganization took place in 1890, when the Trustees, together with the executors and heirs of Brigham Young,

conveyed to the new Board all real estate held by the Academy, an act which greatly improved the material interests of the institution, which had been supported in the main, by tuition, until this time.

In the death of Abraham O. Smoot, which occurred March 6, 1895, the Academy lost one of its oldest friends and staunchest supporters. To fill the vacancy thus made, Brigham Young, the eldest son of the founder, was elected President of the Board of Trustees, and George Q. Cannon, and Reed Smoot were elected to fill other vacancies in the Board.

On July 18, 1896, the institution was formally incorporated under the laws of the State. Following are the names of the incorporators, who were also the Trustees of the institution: Brigham Young, George Q. Cannon, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Karl G. Maeser, David John, Susa Young Gates, Reed Smoot, Thomas R. Cutler, George D. Snell, and Joseph Don Carlos Young.

Provision is made in the articles of incorporation that the institution shall be under the management of a board of twelve trustees, to be elected every three years by the Latter-day Saints assembled in annual conference. The first election took place April 6, 1897. At a meeting of the Board held August 2, 1897, George Q. Cannon of the First Presidency of the Church was elected president of the Board, filling the vacancy occurring at Brigham Young's death, which position he (George Q. Cannon) held to the time of his death, April 12, 1901.

George Q. Cannon was succeeded in office by President Lorenzo Snow, who in turn was followed by President Joseph F. Smith. David John and Jesse Knight were in turn vice-presidents.

Lewis Hall, situated at the corner of Center and Third West streets, was the first home of the institution. The building had been purchased for the Academy by President Young, and was re-arranged to meet the wants of the school. This hall served the purpose of the institution for nine years. By the opening of the tenth aca-



demic year two additions had been completed. Six months later, on the night of January 24, 1884, the entire structure was destroyed by fire. Only one school day was lost. The basement of the old Tabernacle, Mr. S. S. Jones' store and the newly completed First National Bank building were generously donated for the use of the school during the remainder of the year. The free use of the bank building was due largely to the generosity and personal influence of President Abraham O. Smoot. The following year the upper floor of the large Z. C. M. I. warehouse was leased. Here the school remained for six years, at the expiration of which time a new building (now called the high school building) was completed, and on Monday, January 3, 1892, it was formally entered and dedicated.

Founder's day was first celebrated in the year 1891, and has since become a prominent holiday. This day, 1896, was signalized by the formal creation, by the Board of Trustees, of the college department.

A point in the growth of the school was soon reached when more room became necessary. The need was promptly met by the following named persons: Wilford Woodruff, George Quayle Cannon, Joseph Fielding Smith, Reed Smoot, Jesse Knight, Charles Edwin Loose, Jesse William Knight, Alfred William McCune, Inez Knight Allen, and Stephen L. Chipman. The collegiate building, the dedication of which took place during Commencement week, 1898, now stands as a monument to their liberality. The heating plant, tableted chairs and settees, with which the rooms are seated, were donated by the patrons and friends of the school through the Alumni Association.

The Brigham Young Academy South American Expedition, with President Benjamin Cluff, Jr., in charge, started on its journey April 17, 1900, and returned to Provo, February 7, 1902. During the two years that President Cluff was away, the institution was under the supervision of Dr. George H. Brimhall as Acting President.

Many volumes have been added to the library from time to time by persons particularly interested in the institution. The most notable gift is that of Mr. Frank Warren Smith, who established a library known as the Maria Leland Library, a tribute to his maternal grandmother. This library, consisting of many rare books and magazines, is constantly being added unto by its founder.

On February 17, 1902, the Gymnasium and Training building, erected at a cost of \$35,000.00, was dedicated. The means for this structure were mainly the gifts of public-spirited friends, chief of whom were Jesse Knight and David Evans. On the same day President Benjamin Cluff, Jr., having returned from South America, resumed his office as President of the institution.

No history of the school would be complete that did not recognize the energy of the students in advancing its interests. Through their efforts many volumes have been added to the library. The institution is indebted to the students for the digging of trenches for the laying of six blocks of sewer pipe; the planting of trees, lawn, flowers and shrubbery on the High School block. They also took the initiative in the movement that led to the building of the Gymnasium, collecting several thousand dollars used in its erection, and at its completion furnished it with suitable equipment.

With a vision of the time when the school would need increased acreage for other buildings, as early as 1904, steps were taken to acquire land on Temple Hill. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by Mrs. Jennie B. Knight and given to the school, while the student body acquired the point of the hill. The remainder of the campus, now comprising some thirty-eight acres was purchased by the Brigham Young University.

For a long time it had been felt that the character

of the work of the institution entitled it to a more comprehensive name. This fact was recognized by the Board, and on Founder's Day, 1903, the name was formally changed from the Brigham Young Academy to that of Brigham Young University.

On December 22, 1903, President Benjamin Cluff, Jr., severed his connection with the institution, his resignation having been accepted a short time before. Dr. George H. Brimhall was chosen acting president of the University, and at the beginning of the school year 1904-5 he was elected president.

On October 26, 1904, the Missionary and Preparatory building was dedicated by President Joseph F. Smith. The first two stories of this building were erected by donations from the Alpine, Nebo, Utah, and Wasatch Stakes of Zion, and were set apart for the home of the Missionary Department and Sub-High School. The third story was fitted up for Domestic Science and Domestic Art work, Miss Emma Lucy Gates contributing nearly one thousand dollars, with a view to founding later a Domestic Science Department, bearing the name of her grandmother, Lucy B. Young, wife of the founder of the institution. The cost of the building was over \$13,000.00.

The same year another building was erected at a cost of \$2,500.00 for instruction in iron work. Ten forges in this building were donated by public spirited citizens.

During the year 1905-06 there were established two scholarships for girls—the Maria Y. Dougall scholarship and the Eliza Woolacott scholarship.

In 1906-07 the degree of A. B. was substituted for the degree B. Pd.. Five hundred acres of excellent fruit land situated on Provo Bench were donated to the institution by the Knight family. Members of the faculty and members of the Board of Trustees contributed \$1,000.00 for the purchase of apparatus for the laboratory of physics.

During 1907-08 the students, teachers, and patrons



of the school contributed \$2,025.70, with which cement walks were laid throughout the grounds. Another notable contribution by the students and teachers was one of \$1,000.00, with which a small plot of ground on the point of Temple Hill was purchased, and donated to the institution. The dedication of Temple Hill for educational purposes took place January 16, 1908, President Joseph F. Smith offering the dedicatory prayer.

The General Board of Education, February 11, 1909, established in this institution the Church Teacher's College, and concentrated here the college work of the Latter-day Saints' Church School system. In accordance with this decision, the organization of the University in general was modified.

The members of the Alumni Association, ever loyal to the needs of the institution, asked the Church authorities for the privilege of erecting a memorial building to Dr. Karl G. Maeser, which also should be the first building for this college. As a result of their effort and liberal contributions, the Maeser Memorial building was erected and furnished at a cost of \$130,000.00. This building was opened for use during the school year 1911-12. It occupies an imposing position on the brow of Temple Hill, east of the city, and serves as a nucleus around which a cluster of buildings will be erected as the needs of the Teacher's College enlarge.

At the suggestion of the General Church Board of Education, and on the recommendation of the University Faculty, on February 29, 1912, the honorary degree, Doctor of Literature (D. Lit.), the first to be conferred by the institution, was conferred upon Mrs. Emmeline B. Wells of Salt Lake City, the editor of the "Woman's Exponent," and President of the Woman's Relief Society organization of the Church, wife of Daniel H. Wells, who offered the first dedicatory prayer in the history of the institution.

In the fall of 1913 the Ladies' Gymnasium, erected at a cost of \$30,000.00, was completed. This building serves a dual purpose, that of furnishing a suitable gym-

nasium for the ladies and also an amusement hall for the school, where the social activities may be supervised.

On September 22, 1914, Jesse Knight made an endowment to the University of \$100,000.00 in bonds, bearing six per cent interest per annum, said bonds maturing in twenty years. The interest on these bonds is to be put at interest until the bonds mature.

During the school year 1914-15 the University was given the special work of selecting high school religion class teachers for the Church, through the extension department of the institution.

On May 26, 1915, the students began and built the greater portion of the "Y" Pony Trail, from the base of the mountain east of Provo to Maple Flat, a picturesque point on the mountain overlooking beautiful Utah valley.

May 21, 1916, on the recommendation of the University Faculty, the Board of Trustees decided to offer the Master's Degree, beginning with the year 1916-17.

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## ORGANIZATION

The Brigham Young University comprises the Church Teachers' College, offering (1) graduate work leading to the Master's Degree; (2) four years' work above the high school, leading to the degree of Bachelor of Arts; (3) two years' work leading to a normal diploma; (4) one year's work leading to a normal certificate. It also maintains a high school of four years' work in which a student may specialize in any one of five directions, viz., (1) in the academic department; (2) in the department of business education; (3) in the department of vocal and instrumental music; (4) in the department of arts and manual training; (5) in the department of agriculture.

### UNIVERSITY LECTURE COURSE

The University maintains a lecture course as a sup-



plement to its regular work. The course was established seventeen years ago.

The course of 1915-16 included the following:

Dr. H. H. Powers,

1-5 Five lectures on "War in Europe."

6 Ralph Parlette,

"University of Hard Knocks."

7 A. E. Wiggam, "Hereditry, Eugenics and Civilization."

8 Wm. Owens Co. (Drama),

"The Servant in the House."

9 Smith Dameron,

"The Potter and the Clay."

10 Dr. David Starr Jordan,

"European War."

11 Arthur Katchel Recital,

"The Music Master."

12 The Royal Gwent Singers.

### THE STUDENT BODY

This organization encourages and unifies the activities of the students in their interclass competitions, their competitions with other schools, and in their efforts to advance the interests of the University. Through this organization the students publish the school paper, "The White and Blue," and also the University year book, the "Banyan." The debating activities of the school, also, are fostered by and are under its management. The affairs of the organization are under the direction of the Student Body Board of Control, composed of the following: The president and two vice-presidents chosen from among the students, the presidents of the class organizations, the treasurer of the Student Body, the president of the Associated Collegians, the director of Physical Education, the president of the Alumni Association, and the Presidency of the University.

### DISCIPLINE

The standards of honor and Christian integrity consistent with Latter-day Saint ideals are required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or association are subject to discipline.

For the injudicious expenditure of means students will be called to account. The use of strong drink or tobacco, the keeping of late hours, having improper associates or visiting places of questionable repute, are not permitted and will not be tolerated. Students are not permitted to attend public parties except on written request of parents or guardians, and then only at the discretion of the faculty. All social functions given by any organization of the school are under the direction of the standing committee on socials. Students will be held responsible for the cost of any damage done by them to the property of the institution. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of the regulations make the offender liable to suspension or expulsion.

By an action of the Student Body, a student who does not conduct himself in harmony with the foregoing rules of discipline is not considered a loyal member of that organization, can not receive its honors, and forfeits all student body privileges.

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## SCHOOL SOCIETIES

### ARTS SUPERVISION ASSOCIATION

This organization consists of the normal students of fine and manual arts, of domestic science and domestic art, who have been graduated by this institution; also of prospective graduates in these lines. The purpose is the special advancement of this particular line of educational work.

### **MASTERBUILDER CLUB**

This organization has been established for the benefit of students having special talent in any particular phase of fine and applied art. Students become life members on entrance and remain such as long as advancement is shown by them. During the year lectures on practical application and other topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and craftsmen's work are held under the auspices of this organization. Various projects for developing an appreciation of professional expression are promoted.

### **THE MUSIC SOCIETY**

This is a society of the students in music, the purpose being to study classic selections. The society meets weekly for an hour's recital by the instructors and leading students in music.

### **THE COLLEGE LITERARY CLUB**

The purpose of this organization is to develop greater appreciation for good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others. Only fourth-year students of the high school and college students are eligible to membership.

### **PRIZES IN PUBLIC SPEAKING AND WRITING**

There have been established at the University the following prizes for contests in public speaking and writing.

1. The Jex Gold Medal for the best oration on any subject.

2. The Kirkham Medal, given to those students who make the debating team.

3. The Frank Hinekley Medal, given for the best essay on "Honor Thy Father and Thy Mother."

4. Gold Medal for the best original story, given by the Committee on Care of Girls and Women's Activities.

5. Gold Medal for the most efficient student in school, given by the Provo Commercial Club.

### THE LIBRARY

The Library is rapidly growing and much attention is given to careful selection of purchases suitable to the various departments. The total number of volumes is 13,990.

From the list of donors to the Library we select only a few for particular mention.

**Maria Leland Library.**—An event of importance to the library is the formal gift, on April 15, 1905, of the Maria Leland Library, by Mr. F. Warren Smith, of California. This collection consists of 1,500 volumes on physics, chemistry, and allied subjects. An addition has been made to this collection of about one hundred and thirty bound volumes of annals of chemical associations, both American and foreign.

Class organizations of the school have been generous contributors, the class of '97 taking the initiative. The contributions of the classes have been as follows:

On Philosophy, by the Class of '97—252 volumes.

On Theology, by the Class of '98—720 volumes.

On Literature, by the Class of '00—215 volumes.

On History, by the Class of '02—383 volumes.

On Science, by the Class of '03—455 volumes.

On Psychology and Pedagogy, by the Class of '04—200 volumes.

On Economics and Sociology, by the Commercial Department—51 volumes.

Periodicals, by the High School '04—201 volumes.



On American Antiquities, by the Class of '05—27 volumes.

**Whitecotton Library.**—The Whitecotton Library books, added to the library March 1, 1916, number 1214. These are mostly limited editions and bound in crushed levante or flexible morocco. The volumes are valued at \$4615.50. \$1500.00 was donated by students, alumni and teachers, \$3115.50 by Judge J. W. N. Whitecotton.

**U. S. Depository Library.**—Through the efforts of Senator Reed Smoot, the Government, on May 18, 1908, made the Brigham Young University library a U. S. Depository. This library contains several hundred public documents of value, as reference in history, sociology, education, economics, agriculture, geology, etc. These documents are accessible to the public.

**Periodicals.**—Besides local and state papers, the library contains the leading scientific and literary journals, both American and foreign, of value to the departments and of general interest to the students.

The Library is open each week-day during the regular session of the school from 7:45 a. m. until 6:30 p. m., and on Saturday from 9:00 a. m. until 4:00 p. m.

Students have free access to the shelves and there are no fines demanded as long as the books are returned in reasonable time and in good condition.

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## ENTRANCE FEES

Church Teachers' College .....	\$25.00
High School:	
Academic department .....	20.50
Department of Business Education .....	37.00
Music department .....	20.50
Arts and Manual Training department .....	20.50
Agricultural department .....	20.50
The above entrance fees include the student body	



fee, subscription to the "White and Blue," and season ticket to the Lyceum course. Students of other divisions of the school may take work in the department of Business Education by paying extra for each course.

Training School entrance fee, \$4.00. This fee includes free admission to the Lyceum course, and to all campus sports.

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## GRADUATION FEES

Master's Degree .....	\$10.00
Bachelor's Degree .....	10.00
Teacher's Diploma .....	5.00
Teacher's Certificate .....	5.00
High School Diploma .....	5.00

These graduation fees are due May 20, 1917.

Laboratory fees, varying from 50 cents to \$5.00, are collected at the beginning of each semester, according to the subjects taken.

# The Church Teachers' College

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In keeping with the march of educational progress, the General Church Board of Education organized the Church Teachers' College February 11, 1909. The object of the college is to prepare teachers of both elementary and secondary grades, and to assist in the preparation of the numerous teachers in the various organizations of the Church.

## ADMISSION

Students are either (1) regular, or (2) special.

1. To enter as a regular student, the candidate must have completed a four-year high school course, or its equivalent; or he must pass examinations in a sufficient number of subjects to make fifteen units of credit. The fifteen units presented for entrance should include: English, 2 units; mathematics, or history and civics, 2 units; science or modern languages, 3 units; elective, 8 units. Students may be permitted to register in the college with a condition of 2 units. A unit represents the credit given for five prepared lessons a week of not less than forty-five minutes' length throughout the year.

2. Candidates who are of mature age and who show ability to pursue special work, are admitted as special students on the recommendation of the professor of a department.

Students may be admitted to graduate standing on the presentation of evidence that they have secured a bachelor's degree from a standard institution.

## ELECTION OF STUDIES

The student, in electing his studies, should first select his major course, and then, with the advice and approval of his major professor, elect such other studies as are desirable. The major and minor requirements for graduation should be kept in mind in choosing studies. The major subject should be followed during the four years of college attendance. At least two hours a week in Physical Education is required of all Freshmen and Sophomore students.

Students registering for graduate work will make their elections in consultation with the Registration Committee.

## GRADUATION

**Master of Arts Degree.**—A regular graduate student who has been admitted to candidacy may receive the Master of Arts Degree (M. A.) upon the fulfillment of the following conditions.

He must have been in attendance at the University one full school year or its equivalent.

He must present not fewer than thirty hours of credit beyond the requirements for the Bachelor's Degree, and in addition an acceptable thesis covering the subject of his original investigations.

He must pass an oral examination conducted by a committee appointed by the Presidency of the University.

A number of typewritten copies of his thesis must be deposited in the library of the University.

He may pursue his major work in any one of the following departments: Education, History and Government, Physics, Chemistry, and Biology.

**Bachelor of Arts Degree.**—Students who have completed one hundred twenty-five hours of college work, at least twenty-four of which shall be residence work, and receives one hundred twenty-five honor points, and who have satisfied major and minor requirements, may receive the degree of Bachelor of Arts (A. B.).

Students will be credited with Honor Points on the following basis: 1.4 times the number of hours credit for A grade work; 1 times the number of hours credit for B grade work; .6 times the number of hours credit for C grade work; 0 in honor points for D grade of work, but credit for course will be given.

The candidate must present at least twenty-four hours in the department in which his major work is done, and ten hours of collateral or minor work. English 1 is required of all candidates. More than forty hours in any one subject will not be accepted towards graduation.

The candidates will also be required to furnish credits in the following lines:

Education, Philosophy and Psychology	-----15	hours
Mathematics, Applied Science, Correlated Arts and Agriculture	-----15	"
English and Foreign Languages	-----15	"
History and Government, Sociology, Economics, and Commerce	-----15	"
Pure Science (Physics, Chemistry, Biology, Ge- ology, Physiology)	-----15	"



No variations from this grouping of credits will be permitted except upon the approval of the major professor.

Sixteen hours a semester is the normal work, but a student may, with the approval of his major professor, elect eighteen hours.

**Normal Diploma.**—Students who have completed two years' college work, including fifteen hours in the Department of Education, will be awarded a Normal Grammar Grade Diploma. The line in which the student specializes will be indicated on the diploma.

**Arts Supervision Diploma.**—Students who complete sixty hours of college work, including fifteen hours in the department of Education and twelve hours in the department of Correlated Arts, may receive an Arts Supervision Diploma.

**Normal Certificate.**—Students who have completed one year's college work, including fifteen hours in the Department of Education, will be granted a Normal Certificate.

## CLASSIFICATION OF STUDENTS

A regular college student with fewer than thirty hours' credit at the beginning of the school year shall be classed during that year as a Freshman.

A regular college student with more than twenty-nine hours' credit, and fewer than sixty, at the beginning of the school year, shall be classed during that year as a Sophomore.



A regular college student with more than fifty-nine hours' credit, and fewer than ninety, at the beginning of the school year, shall be classed during that year as a Junior.

A regular college student with more than eighty-nine hours' credit at the beginning of the school year, shall be classed during that year as a Senior.

### CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited school when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. 4. For work done under the supervision of the head of the department concerned. 5. For work done under the supervision of the Extension department. Credit in theology may be given for missionary work by complying with such requirements as the supervisor of theology may prescribe.

Students with excess high school credit of college grade who desire to transfer such into college credit, must apply for such transfer during the first semester's residence in the University, otherwise no such transfer will be permitted.

Special examinations for advance credit will be given only with the consent of the student's major professor, the dean of the Church Teachers' College, and the com-

mittee on credit. The fee for such examinations is paid before taking the examination.

Courses for which graduate students may receive credit for the Master's Degree are indicated by an asterisk immediately following the number.

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## DEPARTMENT OF THEOLOGY AND RELIGION

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*Professor Keeler, Supervisor.*

*Professor Brimhall.*

*Professor Merrill.*

*Professor Osmond.*

*Professor Brown.*

*Professor Henderson.*

*Professor Whitaker.*

*Professor Nelson.*

*Professor Peterson.*

*Professor Morgan.*

1. **Book of Mormon.**—This course consists of a study of the internal and external evidences of the authenticity of the Book of Mormon, also a harmony of the teachings of the Hebrew and Nephite prophets in relation to Christ, his mission and doctrine. Throughout the year, five hours at 11:00; four hours credit.

2. **Life of Christ.**—The aim of this course will be to show that Jesus Christ was a typical Son of God; that his life was foreordained to teach the way for all lives; that his principles and doctrine are universal in content, and therefore, modern; and that resolved in terms of

the here and now, his teachings form a body of spiritual, moral and social truths capable of yielding love, joy and peace on earth, and of creating and sustaining the hope of immortality and eternal life. First semester, five hours at 11:00; two hours credit.

**2a.—The Apostolic Age.**—The bestowal of the Holy Spirit upon the disciples of Christ. The preachings of the gospel and the founding of the Church among the Jews and the Gentiles. A brief examination of John's Revelation. The epistles. Second semester, five hours at 11:00; two hours credit.

**3. Inter-relationship of Science, Philosophy and Religion.**—An investigation of the religious beliefs of scientists. The fundamental necessity of religious experience. The rationality of revealed religion. The essentials in theory and practice of religious training of high school students: (a) matter; (b) means and method. Training in social service through church activities. Five hours at 11:00; four hours credit.

**4. Ecclesiastical History.**—Some of the important subjects treated in this course are: the religious and political world at the Messiah's birth; the rise and spread of Christianity; the intermingling of pagan philosophy with Christian doctrine; the apostasy; the origin and growth of papacy; the monastic system; growth and suppression of heresies; religious effects of the Renaissance; the Protestant reformation and the rise of religious sects; decline of persecution and growth of religious toleration; restoration of the Gospel; present status of Christendom. Throughout the year, five hours a week at 11:00; four hours credit. (Not given 1916-17.)

## DEPARTMENT OF EDUCATION

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*Professor Brown.*

*Professor Peterson.*

*Professor Johnson.*

*Professor Eastmond.*

*Professor Harris.*

*Professor Ollerton.*

*Assistant Professor Dusenberry.*

*Assistant Professor Larson.*

*Assistant Professor Poulson.*

The department of Education has a well-equipped Training School, including a kindergarten department, and the eight grades of the public school. Here opportunity is given for students in education to make practical application of principles and methods of teaching. The school is in charge of competent supervisors and critic teachers who direct the practice work of the students in training.

Students who wish to specialize in any subject or prepare themselves for supervisors will be assigned additional work under special teachers. When they have completed the required work in a special subject, it will be indicated on their diplomas.

The secondary training is done in the High School department of the University under professional teachers. Students are given opportunity to do practical classroom work in the subjects they are preparing to teach.

**1. Introductory Psychology.**—A study of human behavior. The nervous system as a condition of behavior and an aid in its explanation. Instinct. The formation of habits. Feeling, emotion, the concrete mental processes and their function in habit formation. First semester, M. W. F., at 9:00; three hours credit.

**1a. Advanced Psychology.**—A continuation of course 1, involving a more intensive study of human ex-



perience. The function of language. The higher mental processes in relation to conduct. The application of psychology. Second semester, M. W. F., at 9:00; three hours credit.

**2. Educational Psychology.**—A study of the mental processes and the function of education in stimulating their growth and development. A review and verification of recent scientific experiments in the learning process, and their application to school-room practice. First semester, M. W. F., at 3:15; three hours credit.

**2a. Principles of Education.**—Modern view of the meaning, scope, and aim of education; its methods, means and institutions. Educational theory and general principles and methods are discussed. Second semester, M. W. F., at 3:15; three hours credit.

**3. Pedagogy.**—A study of the underlying principles of methods of instruction as applied to grade work. Discussion of the educational value of the subjects of study in the grades, including a review of the subject matter and methods of presentation. Discussions are supplemented by library reading and observation of work in the training school. Throughout the year M. W. at 10:00; four hours credit.

**4. Elementary Training.**—This course is designed to give practical work in grade teaching and management. It consists of preparation and discussion of plans, observation, teaching, consultation, and review of grade subject matter. Students are expected to be able to recognize and apply the underlying principles of methods used and to develop and express their own individuality in the practical work. Applicants for this course will be required to show that they have a knowledge of the fundamentals of grade work. Throughout the year M. T. W. Th. from 1 to 3, Friday 2:15 to 3:15; eight hours credit.

**5.\* History of Education.**—This course covers the educational theories and practices of the Greeks and the



Romans, the decline of pagan and rise and growth of Christian education, the rise of universities, and the great Renaissance. It presupposes a knowledge of Ancient and Medieval History. First semester, M. W. F. at 9:00; three hours credit.

**6.\* History of Education.**—Continuation of course 5. This course includes a consideration of the origin and growth of secondary and elementary education, the rise and development of science and a scientific method in their institutions and practices. Knowledge of European or Modern History supposed. Second semester, M. W. F., at 9:00; three hours credit.

**7.\* School Organization and Administration.**—The organization of elementary, secondary, and the higher educational institutions, their relationship to each other and to social activities, their purposes and programs of study; the administration and supervision of schools in state, city, and rural communities. First semester, T. Th., at 9:00; two hours credit.

**8.\* School Organization and Administration.**—Continuation of course 7. Second semester, T. Th., at 9:00; two hours credit.

**9.\* Secondary Education.**—This course should be preceded by Psychology 1 and Education 2. Discussion of the pedagogy of secondary school subjects. Types of learning. Courses of study, organization and management of secondary schools. Open to seniors only. One semester M. W. F., at 10:00; three hours credit.

**10.\* Secondary Training.**—Taken in connection with or preceded by Education 9. Practice teaching in the Secondary Training school. Supervising study periods and observation of individual differences in students. Designed for those who wish to prepare for high school teaching. Four hours a week. Time to be arranged. Four hours credit.

**11. Juvenile Sociology.**—Dependents, defectives, delinquents, neurotics. The attitude of modern society toward these and their social treatment. The institutions for the processes of their care, education and reformation. First semester, M. W. F.; three hours credit. (Credits for this course will be given also in the department of Sociology, Economics, and Commerce.)

**12. Normal Methods in Music.**—Designed especially to prepare regular teachers to teach music in their own grades. Tonal tendencies in major and minor scales; pitches, triads, signatures, dynamics, rhythm, note reading, simple melody writing, observation and teaching. First semester, Th. at 3:15; F. at 10:00; two hours credit.

**13. Normal Methods in Music.**—Course 12 required, note reading, sight singing, discussion of problems involved in proper treatment and training of child voice. Methods of teaching. Chorus practice and individual practice in singing songs suitable for all grades, observation and teaching. Second semester, Th. at 3:15; F. at 10:00. Two hours credit.

**14. History of Philosophy.**—A general study of the development of European Philosophy beginning with Thales down to modern times. The course includes a critical analysis of the Greek, Roman, and Medieval periods, followed by the modern era from Decartes to Kant, ending with a survey of current theories in metaphysics and epistemology. Throughout the year, M. W. F. at 10:00; six hours credit.

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## ARTS AND MANUAL TRAINING COURSE

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### NORMAL DRAWING

**1. Form Study and Representation.**—Various

phases of mass representation dealing with clay, paper cutting, crayons, charcoal, water color, etc. Study of composition in dark and light and in color. Practical blackboard drawing and decoration. Light and shade. Distance representation in color, form, tone, and atmosphere. Object sketching. Study of perspective. Motives for correlative illustration. Illustrative sketching. Lettering. Practical method work. Throughout the year, M. W. F., at 3:15; four hours credit. Laboratory fee, \$1.00.

## NORMAL MANUAL TRAINING

**1. Correlated Construction and Handicraft for Primary Grades and Kindergarten.**—Principles of art applied to paper construction, book-binding, weaving, braiding, plaiting, knotting, clay modeling, simple block printing, stenciling, thin wood construction, and other lines of constructive design needed by teachers in practical work. Correlated art and construction. Centers of interest work. Color schemes and color mediums studied. Careful attention given to method. Required: Drawing a, or Normal Drawing. Consideration of adopted courses of study. Throughout the year, M. W. F., at 4:15; six hours credit. Laboratory fee, \$1.00, each semester.

**2. Correlated Construction and Handicraft for Grammar Grades.**—Elementary clay modeling, and clay construction, drawing, bench work, basketry, book-binding, textile work, stenciling, elementary pottery work, block printing, and other lines of constructed design. Practical method work with special emphasis on centers of interest correlation. Required: Drawing a, or Normal Drawing. Consideration of adopted courses of study. Throughout the year, T. Th., at 3:15; four hours credit. Laboratory fee, \$1.00.

## ARTS SUPERVISION

**1. Theory and Method.**—Study of the educational possibilities of fine art and manual training. (Drawing, design, drafting, woodwork, ironwork, domestic art, domestic science, the fine arts, etc.) Special emphasis given to the possibilities of these various lines of industrial and fine arts work in schools of elementary, high school, and college grade. Normal observation work. Consideration of adopted course of study in church and state schools. Study of adaptation of materials and mediums of expression. Study of arts and manual training correlation. Educational ideals. Required: Education 1. First semester, Tue. and Thur., at 1:15; three hours credit.

**2. Supervision Training, Fine and Applied Arts, Drafting, Domestic Art, Woodwork, Ironwork, etc. Combination of 1.**—The planning of courses of study. Actual training with various grades or with high school classes. Subdivisions will be necessarily made and students will be given training work with teachers of various subjects. First and second semesters, time and credits arranged with the professor of the department. Required: Education 2, Normal Drawing, or Normal Manual Training and History of Art 1 and 2.

**3. Teaching of Domestic Science.**—A consideration of courses of study. The purpose of domestic science and its relation to other subjects. The planning and presentation of lessons. Practice given in the planning of laboratory equipments and in observation, assistance, and teaching in school classes. Two hours a week throughout the year, time to be arranged; four hours credit. Education 2 and Domestic Science 1 and 2, and Arts Supervision 1 required.

## KINDERGARTEN WORK

**1. Gifts and Occupations.**—A consideration of se-



lected and connected play material which keep within the realm of the child's experience. Throughout the year, Tu., Th., at 10:00; four hours credit.

**2. Froebel's Child Study and Stories.**—This course gives a general survey of appropriate literature for children, and a classification of this literature for the purposes of reference is worked out. Lectures and comparisons with present-day plays of children. A specific study of the child and child nature in connection with his daily activities. Throughout the year, Tu. Th., at 9:00; four hours credit.

**3.** This course is designed for those who expect to specialize in primary grade work. A brief survey will be given of kindergarten principles and practice upon which the transition is made from the kindergarten to the primary grades. It will prepare students for a brief practice period in the kindergarten department. Throughout the year, T. Th., at 10:00; two hours credit.

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## DEPARTMENT OF ENGLISH

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*Professor Osmond.*

*Professor Reynolds.*

*Professor Nelson.*

*Instructor Dixon.*

**1. Rhetoric and Composition.**—Themes, conferences, lectures, and prescribed reading. This course or English 1-a is required of all candidates for the degree of Bachelor of Arts. Throughout the year, Section 1, M. W. F., at 9:00. Section 2, M. W. F., at 1:15. Section 3, M. W. F., at 2:15. Six hours credit.

**1a. Teachers' Course in English.**—This course will take up an analytical study of English grammar, and will consider, from a pedagogical point of view, the de-

velopment of the forms of discourse. Throughout the year. Section 1, M. W. F., at 8:00. Section 2, M. W. F., at 9:00. Six hours credit.

**2.\* Composition and Literature.**—Composition, conferences, lectures, and prescribed reading. This course is required of all students who elect their major in the English department. Throughout the year, T. Th., at 2:15; four hours credit.

**1b. Journalism.**—This course will review the fundamentals of good copy, such as spelling, punctuation, grammar, the preparation of manuscript, and proof-reading; and will consider at length those principles of style which make for directness and simplicity in sentence structure. Invention will be confined mainly to material embodied in the experience of the student, and will be directed to themes suitable for local papers and magazines. Four hours credit throughout the year. Time to be arranged.

**3. Public Speaking.**—The first semester is devoted to the cultivation of voice and action in public speaking and reading. In the second semester the student is given practice in the preparation and presentation of all forms of public discourse. Throughout the year, M. W. F., at 3:15; six hours credit.

**4. English Literature.**—A study of the best literature from the Norman Conquest to Chaucer. Throughout the year. T. Th., four hours credit. (Not given in 1916-17.)

**5. English Literature.**—The Romantic Poets. An intensive study in Wordsworth, Coleridge, Byron, Shelley, and others. Lectures, prescribed reading, and weekly papers. Throughout the year, M. W. F., at 9:00; six hours credit. (Not given in 1916-17.)

**6. Milton.**—Milton's minor poems and several books of *Paradise Lost* are carefully studied. First semester. T. Th., at 3:15; two hours credit.

**6a. Elias.**—O. F. Whitney's epic of "Mormonism." First semester, T. Th., at 3:15; two hours credit.

**7. The English Drama.**—A study of the English drama from the Miracle plays to the closing of the theatres. Second semester, T. Th., at 3:15; two hours credit.

**8.\* Shakespeare.**—In this course five or six of the plays of Shakespeare are read in class. Special attention is given to the interpretation of difficult passages. While the primary purpose of the course is to make the students familiar with Shakespeare, a compliance with its requirements involves the ability to understand and appreciate Elizabethan literature in general. The course is so arranged that it may be taken in two successive years. Throughout the year. M. W. F., at 10:00; six hours credit.

**9.\* Shakespeare.**—Continuation of 8. Throughout the year. M. W. F., at 10:00; six hours credit.

**10.\* Chaucer.**—In this course a number of the Canterbury Tales are read in class. The student is carefully drilled in Chaucer's pronunciation, and special attention is given to the interpretation of the text. Throughout the year. T. Th.; four hours credit. (Not given in 1916-17.)

**11.\* English Literature.**—The history and development of the English novel. Throughout the year. M. W. F.; six hours credit. (Not given in 1916-17.)

**11a. English Literature.**—A study of the modern novel. Throughout the year. M. W. F., at 3:15; six hours credit.

**12. American Literature.**—A course dealing with the history and development of American Literature. While covering the material outlined in the text, attention will be given to the modern American novel and drama. Throughout the year. T. Th., at 10:00; four hours credit.

**13.\* Philology.**—The history and development of the English vocabulary. A comprehensive study of the ways of words and the development of English grammar. Second semester. M. W. F.; three hours credit. (Not given in 1916-17.)

**16.\* English Literature.**—A course in Victorian literature. Throughout the year, at 4:15, M. W. F.; six hours credit.

**17.\* Modern Drama.**—A study of contemporary drama from Ibsen to Mackaye. Representative writers will be selected from each national group. Throughout the year, T. Th., at 4:15; four hours credit.

**18. Angle Saxon.**—The work of this course is based on Bright's Anglo-Saxon Reader. Throughout the year. T. Th.; four hours credit. (Not given in 1916-17.)

## ELOCUTION

**1. Literary Interpretation.**—This course is designed for advanced students of reading. Its aim is to give ability to interpret the printed page by continued individual practice with personal help and criticism. A number of literary masterpieces will be studied to develop emotional power and literary application. Throughout the year. M. W. F., at 10:00; six hours credit.

**2. Shakespeare Interpretation.**—Several plays of Shakespeare will be interpreted orally and the principal scenes will be presented in class. Throughout the year. M. W. F., at 9:00; six hours credit.



## DEPARTMENT OF FOREIGN LANGUAGES

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*Professor Whitaker.*

## FRENCH

1. **Elementary Course.**—Pronunciation, easy reading with practice in speaking and writing French, grammar. Newson's First French Book; Newson's Second French Book. Throughout the year, daily at 10:00; ten hours credit.

2. **Intermediate Course.**—Reading of Nineteenth century classics, conversation, composition and grammar. Commelin et Ritter, Petit Dictionnaire Francais; Crouzet, Berthet et Galliot. Grammaire Francaise. Throughout the year, daily at 1:15; ten hours credit.

3. **Advanced Course.**—Rapid reading of French newspapers, reviews, scientific articles, and classics of last three centuries; composition and conversation. Throughout the year; ten hours credit. (Not given in 1916-17.)

4. **Outline of French Literature.**—Study of Herriott, Histoire de la Litterature Francaise; reading of classics. Throughout the year, daily, ten hours credit. (Not given in 1916-17.)

## .GERMAN

All courses in this group are conducted in German.

1. **Elementary.**—Pronunciation, easy readings, with practice in speaking and writing German; grammar. Throughout the year, daily at 8:00; ten hours credit.

2. **Elementary.**—Continuation of course 1. Reading of easy classics, grammar and conversation. Throughout the year, daily, at 9:00; ten hours credit.

**3. German Grammar and Composition.**—Written and oral exercises, including the regular inflection of the parts of speech, the rules concerning articles, cases, auxiliaries of all kinds, and moods, and the elements of word formations. First semester, daily, at 2:15; five hours credit. Prerequisites, German 1 and 2, or an approximate equivalent.

**4. German Composition and Conversation.**—This course is designed to afford additional training in speaking and writing German. Second semester, daily, at 2:15; five hours credit.

### LATIN

Three hours college credit will be given for the first and second semester year high school Latin.

1. Cicero's orations against Cataline and the oration for Archias. Throughout the year, M. W. F.; six hours credit. (Not given in 1916-17.)

2. Aeneid of Virgil; six books are read. Throughout the year, M. W. F.; six hours credit. (Not given in 1916-17.)

3. Ciceros De Amicitia; selections from Livy's Roman History; Odes of Horace. Throughout the year, M. W. F.; six hours credit. (Not given in 1916-17.)

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## DEPARTMENT OF MATHEMATICS

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*Professor Eyring.*

1. **Plane Trigonometry and the Elements of Analytical Geometry.**—First semester, daily; five hour credit, three hours for the former subject and two hour for the latter, at 9:00.

2. **Elements of Calculus.**—A course adapted to the needs of the general student and to students of ad

anced physics. Second semester, daily at 9:00; five hours credit.

3. **College Algebra.**—First semester, daily at 8:00; five hours credit.

4. **Definite Integrals.**—A course treating of the properties and methods of computing definite integrals with application to Physics and Geometry. Byerly's Integral Calculus will be used as a text. First semester, daily; five hours credit. (Not given in 1916-17.)

5. **Differential Equations.**—Second semester, daily at 10:00; five hours credit.

6. **Analytic Mechanics.**—Second Semester, daily; five hours credit. (Same as Physics 11.) Not given in 1916-17.)

7. **Analytical Mechanics.**—Continuation of course Second semester, daily; five hours credit. (Not given in 1916-17.)

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## DEPARTMENT OF HISTORY AND GOVERNMENT

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### HISTORY

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*Professor Morgan.*

*Assistant Professor Snow.*

1. **American History.**—The period from the discovery of America to 1817. This course begins with the problems of discovery, exploration, and colonization. The European conflicts for colonial expansion and the causes, conflicts, and results of the American Revolution are also studied. The "Critical Period" and the formation of the National Constitution are traced, after

which the course is concluded with an examination of the establishment of the National Government, Federalist supremacy and downfall, Jeffersonian democracy, the expansion of the Republic, and the Second War with England. First semester, five recitations per week, at 3:15; five hours credit.

**2. American History.**—The period from 1817 to 1912. This course considers the "Rise of the New West," the formulation of the Monroe Doctrine, the Jacksonian "reign," the tariff controversy, the Mexican war, the economic, political, and moral phases of slavery, and the constitutional questions arising therefrom. Following this, a study is made of the military and economic history of the Civil War and the problems involved in the reconstruction of the nation, civil service reform, the Spanish-American War, the acquisition of the Philippines, and the establishment of a colonial policy are also examined. The economic, financial, industrial, and social phases of American history since the Civil War are given special consideration. Second semester, five recitations per week at 3:15; five hours credit.

**3. History of England to 1660.**—This course deals with the origins of English institutions, the struggle between Anglo-Saxons and Normans, the emergence of a strong nation under Willim the Conqueror and Henry II, the parliamentary development of the thirteenth century, the Hundred Years War, the Wars of the Roses, the pre-eminence of England under the Tudors, the struggle of the Divine Right Monarchy with the forces of puritanism to 1660. First semester, M. W. F., three hours credit, at 2:15.

**4. History of England Since 1660.**—Continuation of course 3. Emphasis will be placed on the Protestant Revolution, the development of the cabinet system, the wars with France and the Napoleonic struggles, the conditions leading up to the American Revolution and the



loss of the American colonies, the political, social and religious reforms of the nineteenth century. Second semester, M. W. F., at 2:15, three hours credit.

**5. The French Revolution and the Napoleonic Period.**—A study of the causes, constitutional and social experiments of the French Revolution, with an examination of Napoleon's career. First semester, M. W. F.; three hours credit. (Not given 1916-17.)

**6. History of Europe Since 1814.**—An examination of the rule of Metternich, the development of Liberal opposition, the revolutions of 1820, 1830, and 1848, the unification of Italy and the establishment of the German Empire, concluding with a survey of present European conditions. Second semester, M. W. F.; three hours credit. (Not given 1916-17.)

**7. History of Greece.**—This course covers the period from the dawn of Greece to the time of the Roman conquest. Attention is given to the political, economic and intellectual development of the Greek people, and the dissemination of Greek culture through the agency of the Alexandrian empire. Throughout the year, M. W. F.,; six hours credit. (Not given 1916-17.)

**8. History of Rome.**—A study of the development of the political, economic and social life of the Romans, the motives and underlying principles of their growth, and the symptoms and causes of their decline. Throughout the year, M. W. F.; six hours credit. (Not given in 1916-17.)

**9. History of the Middle Ages.**—This course will cover the period from the fall of Rome to the Peace of Westphalia, 1648. Emphasis will be placed on the following: Feudalism, monasticism, the holy Roman Empire and the papacy, the Renaissance, the Pre-Reformation movements; the influence of discovery, exploration and invention, the Reformation and the religious wars culminating in the Thirty Years' war. Throughout the year, M. W. F.; at 10:00; six hours credit.

## GOVERNMENT

1. **Comparative Constitutional Government.**—This course will include the study of the governments of the United States, England, France, Germany, Austria Hungary, Switzerland, etc. Throughout the year, M. W. F.; at 8:00; six hours credit.

2. **Government of the United States.**—This course considers the American political system—national and state. The more important subjects studied are: Territorial basis of national life; the people within the United States: American theories of popular government; historical development of American government; citizenship and alien status; suffrage; political parties and their organization; doctrine of two spheres; constitution making; the national legislature; the national executive, the national judiciary; civil service reform; adoption of constitutions; status of territories; foreign relations; departments of state governments, local governments, etc.

A general course in American history is prerequisite. Throughout the year, M. W. F.; at 9:00; six hours credit.

3.\* **International Law.**—A study of the sources, principles and sanctions of international law. Most of the time is devoted to the fundamental subjects of peace, war and neutrality. The influence of The Hague conventions and the Declaration of London upon international law, will also be considered. Throughout the year, T. Th., five hours credit. (Not given 1916-17.)

4. **History and Principles of American Diplomacy.**—Open to students who have passed satisfactorily in Government 3, or who can otherwise satisfy the instructor of their fitness. Throughout the year, T. Th., four hours credit. (Not given 1916-17,)

5. **Municipal Government.**—This course deals with municipal growth and development in the United States, and in the principal European countries. Attention is

given to municipal structure, organizations and administration. Among the important subjects treated in their relation to municipal government are: The history of municipal growth, public health and safety, charities, education, improvements, finances, home rule, politics, and municipal ownership. Throughout the year, T. Th., four hours credit. (Not given 1916-17.)

**6.\* Government of England.**—This course aims to give a thorough understanding of English government. Frequent comparisons with American government will be made. Some of the important subjects treated are: The nature of parliamentary government; the crown; the cabinet; the executive departments; the permanent civil service; the House of Commons; relations between the Commons and the Cabinet; the House of Lords; private bill legislation; the party system; the rise and fall of the caucus; local government; relation of central government to local authorities; education; relation of England to the British Empire; the courts of law, etc. Throughout the year, M. W. F.; six hours credit. (Not given in 1916-17.)

## CONSTITUTIONAL LAW

**1.\*** A study of federal and state constitutions; their adoption, amendment, and construction; relation between the federal government, states, and territories; guaranty of republican government of the states; comity between the states; government of the territories; admission of new states; distribution of powers between federal and state legislatures; powers and functions of legislature in regard to taxation, regulation of commerce, naturalization, money, war, etc.; powers of the executive relating to reprieves, pardons, treaties, diplomatic relations, appointment and removal of officers; the judiciary, grant and exercise of jurisdiction; checks and balances in government; civil rights and their guaranties; citizenship and political privileges; protection to persons accused of

crime; protection to contracts and property. Text: A standard book of cases on constitutional law. Throughout the year, T. Th.; five hours credit. (Not given 1916-17).

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## DEPARTMENT OF ECONOMICS, SOCIOLOGY AND COMMERCE

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*Professor Swenson.*

*Professor Holt.*

*Instructor Clark.*

*Instructor Jones.*

### ECONOMICS

1. **General Principles of Economics.**—A study of the underlying principles governing the production, exchange, distribution and consumption of wealth. First semester, daily at 8:00; five hours credit.

2. **Economic History of the United States.**—The economic development of the United States through the colonial era, and the period of the industrial revolution and westward movement with emphasis upon economic integration and industrial organization. Second semester, daily at 8:00; three hours credit. (Not given in 1916-17.)

3. **Ocean and Railway Transportation.**—The development of the ocean traffic and the American railroad from the standpoints of history, charter, privileges, capital, service, passenger, freight, express, and mail; relation to the public, and relation to the state. Second semester, daily; five hours credit. (Not given in 1916-17.)

4. **Public Finance.**—The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial



administration. Second semester, M. T. W. Th., at 9:00; four hours credit.

**5. Money and Banking.**—A study of the principles of money and banking; the exemplification of those principles in the monetary and banking history of the United States, and the study of the present-day currency, and banking problems in the United States. White's "Money and Banking." First semester, M. W. F.; three hours credit.

**6. Corporate Industry.**—A study of the history, organization and economic functions of corporations with emphasis upon their relations to our present social order and the problems they present. Second semester, M. W. F.; three hours credit.

**7. Labor Problems and Legislation.**—The labor problem in relation to modern industry; the rise and growth of labor organizations; the development of collective bargaining; industrial arbitration and conciliation; the principles of state interference in industry. First semester, M. W. F., three hours credit. (Not given 1916-17).

## SOCIOLOGY

**1. Elements of Sociology.**—A study of the factors that control social life. The origin and development of social institutions and the forces of social control are considered. First semester, M. W. F., at 10:00; three hours credit.

**2. Practical Social Problems.**—A study of practical social problems met in modern social life. Second semester, M. W. F., at 10:00; three hours credit.

**3. Social Economics.**—A general survey of the leading economic, social, and individual causes of social disorder and poverty; methods and principles of modern relief policies; the charity organized society movement, and other current movements for social bet-

terment. First semester, T. Th., at 10:00; two hours credit.

4. **Social Economics.**—Continuation of Course 1. Second semester, T. Th., at 10:00; two hours credit.

5. **Social Psychology.**—A general study of the development of mind from social interaction into the complex forms manifest in modern societies. The nature and growth of "self," suggestibility, mass-mind, fashions, conventionalities, customs, etc. Primitive and modern societies compared with respect to the operation in them of conservative and constructive forces. Text: Cooley's "Human Nature and the Social Order." Throughout the year, T. Th., at 9:00; four hours credit. (See Psychology 4.)

6. **Juvenile Sociology.**—Dependents, defectives, delinquents, neurotics. The attitude of modern society toward these and their education and reformation. First semester, M. W. F., at 3:15; three hours credit.

7. **Oral Discussion.**—A course in argumentation and debate. The aim is to give the student training in the discussion of public questions in the field of history, politics, economics and sociology. One hour throughout the year; time to be arranged.

## COMMERCE

1. **Accounting.**—An introduction to the fundamentals of book-keeping and the science of accounts. A study of the journal, cash-book, and ledger; the trial balance, loss and gain statement, and statement of resources and liabilities. The greater part of the work is the practical application of the above principles. First semester, daily, 1:15-3:15; three hours credit. Laboratory fee, \$3.00.

2. **Accounting.**—Continuation of Accounting 1. The student here makes practical application of his

knowledge of fundamentals to a typical Retail Grocery business, a Commission business, a Wholesale Dry Goods and other businesses. Second semester, daily, 1:15-3:15; three hours credit. Laboratory fee, \$3.00.

**3. Voucher Accounting.**—This course deals with problems of depreciation, accruals, and reserves as used in relation to the manufacturing industry. Also a short laboratory course given for the purpose of testing accuracy and capacity in business practice. First semester, daily, at 1:15-3:15; three hours credit. Laboratory fee, \$3.00.

**4. Corporation Accounting.**—The essential details of organizing and operating a corporation. Also practical accounting as used in a bank. Second semester, daily, at 1:15 to 3:15; three hours credit. Laboratory fee, \$3.00.

**5. Stenography.**—A careful study of the principles of shorthand as contained in the *Phonographic Amanuensis* by Jerome B. Howard. Throughout the year, daily, at 9:00; six hours credit.

**6. Stenography.**—Continuation of 5. Writing from dictation and the making of transcripts upon the typewriter. Speed dictation from phonograph. Throughout the year, daily, at 10:00; six hours credit.

**7. Advanced Accounting.**—The fundamental principles of accounting of importance to the business man, the practicing accountant and to teachers of the subject. First semester, M. T. W. Th., at 8:00; four hours credit.

**8. Analysis of Corporation Reports.**—Analysis of railroad and industrial reports from the standpoint of the financial statements of various corporations. The work will be given with actual reports of corporations as a basis of illustrations. Second semester, M. W. F., at 8:00; three hours credit.

**9. Business Organization.**—A study of the evolution of business organization. Partnership, joint stock company, trust, federation, holding company, amalgamation and merger organizations are discussed in detail. The latter part of the course deals particularly with internal workings of modern corporations. Second semester, M. T. W. Th., at 9:00; four hours credit.

**10. Advertising.**—The economic factors in advertising. Applied psychology; how to influence men; the power of argument and suggestion and when to use each. The classes of advertisers and their aims. The essentials of group-selling; securing attention, creating desire, and stimulating action. The law of the sale; the advertising agency; types; media; color and color schemes; trade-marks; advertising technique, etc. Special emphasis will be given to advertising practice. First semester, M. T. W. Th., at 9:00; four hours credit.

**11. Salesmanship.**—A study of the principles of salesmanship and the methods of influencing men in business. Applied psychology, emphasizing the factors of argument and suggestion. The requisite qualifications of a salesman and how they may be acquired. Sales demonstrations and special lectures by expert salesmen will supplement the regular classwork. Special emphasis will be given to the ethical phase of the subject. Second semester, M. T. W. Th., at 9:00; four hours credit.

**12. Commercial Geography.**—This deals with the application of the principles of Physiography to man and his activities and industries.

A detailed geographic study will be made of the United States and one or two selected European countries to illustrate how these principles have been worked out in the world. Throughout the year, M. W. F., at 10:00 and one two-hour laboratory period per week. eight hours credit.



## DEPARTMENT OF PHYSICS

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*Professor Eyring.*

*Assistant Professor Maeser.*

**1. Elementary Physics.**—This course is offered for those who do not present Physics for entrance into college. Prerequisite, Algebra. Throughout the year, daily at 8:00; eight hours credit. Laboratory fee, \$1.50 each semester.

**3. Mechanics, Molecular Physics and Heat.**—A general college course presented mainly from the experimental point of view. Prerequisites, high school Physics or Physics 1 and preferably Trigonometry. First semester, daily from 1:15 to 3:15; five hours credit. Laboratory fee, \$1.50.

**4. Electricity, Sound, and Light.**—A general college course presented mainly from the experimental point of view. Courses 3 and 4 comprise one year's work in general college physics. Prerequisite, course 3. Second semester, daily, from 1:15 to 3:15; five hours credit. Laboratory fee, \$1.50.

**5.\* Molecular Physics and Heat.**—Kinetic theory of gases, theory of Brownian movements, methods of measuring molecular magnitudes, laws of thermodynamics and their application to gases, osmotic pressure, change of state, etc. Prerequisites, Calculus and Physics 3. First semester, daily at 10:00; five hours credit.

**6.\* Experimental Physics—Molecular Physics and Heat.**—Measurements of specific heat of gases, density of depression of the freezing point, and raising of the boiling point of the different solutions, etc. Vapors, viscosity of liquids and gases, high temperatures. Prerequisite, Course 4. Second semester, daily; five hours credit. Laboratory fee, \$3.00. (Not given in 1916-17.)

**7.\* Electricity and Magnetism.**—General principles of magnetism, electro-magnetism, static electricity, direct and alternating currents, J. J. Thompson's "Electricity and Magnetism" will be used for reference. Prerequisites, Calculus and Course 4. M. W. F., throughout the year, at 10:00; six hours credit. (Not given in 1916-17.)

**8.\* Experimental Physics, Electricity and Magnetism.**—Use of potentiometers, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistance, measurements of earth's magnetic field; absolute measurements of current, potential difference, resistance, capacity; study of direct and alternating current dynamos and motors; study of alternating currents with capacity and inductance in the circuit. Prerequisite, course 3. T. Th., 3:15 to 5:15, throughout the year; four hours credit. (Not given in 1916-17.)

**9.\* Optics and Astrophysics.**—Geometric optics, theory of optical instruments, including interferometer, echelon, and diffraction grating; physical optics, Maxwell's electro-bagnetic theory of light. Spectroscopy and its application to astronomical problems. Prerequisites, two years College Physics and Calculus. Throughout the year, daily; ten hours credit. (Not given in 1916-17.)

**10.\* Experimental Optics.**—During the first part of the course experiments outlined in Mann's Manual of Advanced Optics will be performed, and during the last part special work with the echelon and concave grating will be given. Second semester. Lecture Monday and Wednesday at 3:00, and laboratory T. Th. and F. from 3:00 to 5:00; six hours credit. Laboratory fee, \$3.00.

**11.\* Mechanics and Wave Motion.**—Fundamental equations of Mechanics and their application to physical problems, vibrations of strings, rods, and plates, sound

aves, water waves and Hertzian waves. Prerequisites, Calculus and course 4. Second semester, daily, at 8:00; five hours credit. (Not given in 1916-17)

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## ASTRONOMY

*Professor Buss.*

1. **Descriptive Astronomy.**—A description of the principal phenomena in the solar system and the sidereal universe. Frequent visits will be made to the observatory where the students may become acquainted with the principal objects of interest in the heavens, visible in our latitude. Throughout the year, T. Th., at 8:00; four hours credit.

2. **General Astronomy.**—This is a discussion of astronomical phenomena in the light of natural law, and deals with the structure of the solar system and the sidereal universe. Methods of measurement, the science of astrophysics, theories of the arrangement of the visible universe, etc. will be taken up with simple demonstrations. Prerequisites, Physics or Astronomy and Trigonometry. Five hours credit. (Not given 1916-17.)

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## DEPARTMENT OF CHEMISTRY

*Professor Maw.*

1. **General Chemistry.**—The principles and theories of chemistry are considered in detail in connection with the non-metals. First semester, daily, at 10:00 and two laboratory periods a week; five hours credit. Laboratory fee, \$3.00.

2. **General Chemistry.**—Continuation of 1. Metals and elementary analysis. Second semester, daily, at

10:00, and two two-hour laboratory periods a week; five hours credit. Laboratory fee, \$3.

**3. Qualitative Analysis.**—Open to students who have had Chemistry 2. Chiefly laboratory work. Three hours credit. Laboratory fee, \$4.00.

**4. Elementary Quantitative Analysis.**—Training in gravimetric and volumetric methods. First and second semesters. One recitation and eight hours laboratory work a week. Five or ten hours credit.

**5.\* Mineral Analysis.**—Systematic analysis of representative minerals. First and second semester, M., 1:15, and eight hours' laboratory work a week; five or eight hours credit. Laboratory fee, \$3.00.

**6.\* Assaying.**—Crucible and scorification methods for gold and silver ores. The proper use of the assay balance. Cupellation of gold and silver. Parting of gold and silver. One recitation and six hours' laboratory practice a week; three hours credit. Second semester.

Geology 9 should be taken in connection with this course.

**7.\* Organic Chemistry.**—This course will take up thoroughly the simpler organic compounds, investigating the chemical behavior, the characteristic reactions and relationships of the different classes of organic compounds. The laboratory work consists in the preparation of typical carbon compounds. Throughout the year, M. W. F., at 9:00 and two two-hour laboratory periods a week; ten hours credit. Laboratory fee, \$3.00 a semester.

**8.\* Water Analysis.**—Second semester, four hours laboratory work a week; two hours credit. Laboratory fee, \$3.00.

**9.\* Food Analysis.**—Second semester, four or eight hours laboratory work a week; two or four hours credit.



10.\* **Physical Chemistry.**—Second semester, four hours' laboratory work a week; two hours credit.

11.\* **Electrolytical Analysis.**—Second semester, four hours' laboratory work a week; two hours credit.

12.\* **Independent Work in Mineral Analysis.**—First and second semester, eight hours' laboratory work a week; two hours credit.

13. **Agricultural Chemistry.**—The aim of this course is to give thorough training in the analysis of soils and agricultural products. Open to students who have completed Chemistry 3. Second semester, one lecture, M. at 1:15, and eight hours' laboratory work a week; five hours credit. Laboratory fee, \$3.00.

14.\* **Physiological Chemistry.**—This course is especially designed for students doing advanced work in domestic science. The chemistry of nutrition, digestion, absorption, assimilation and excretion will be considered in detail. General elementary chemistry is a prerequisite. First semester, M., and two laboratory periods a week; three hours credit. Laboratory fee, \$3.00. (Not given in 1916-17.)

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## DEPARTMENT OF GEOLOGY

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*Professor Buss.*

1. **General Geology.** This course aims to give a general knowledge of dynamic, structural, and physiographic geology, with practical laboratory work and

field excursions. First semester, M. W. F., at 2:15, and two two-hour laboratory or field periods per week; five hours credit. Laboratory fee, \$1.50.

**1a. General Geology.**—Continuation of course 1, dealing with the theories of the origin of the earth and with the development and history of the land areas and life forms. Second semester, M. W. F., at 2:15 and two two-hour laboratory or field periods per week; five hours credit. Laboratory fee \$1.50.

**2. Advanced Physiography.**—A detailed study of the existing surface features of the earth and the agencies which have moulded them. Deals also with the subject of meteorology and the influence of topography and climate on plant and animal forms. Throughout the year, M. W. F., at 9:00 and two two-hour laboratory or field periods per week; ten hours credit. Laboratory fee \$1.50 each semester.

**3.\* Invertebrate Paleontology.**—This course is an introduction to the study of fossil forms. A careful study is made of the conditions under which fossils have been preserved and of the portions of plants and animals that may be fossilized. The laboratory periods will be devoted to a study of the development of invertebrate forms as revealed in the fossils of the various geologic periods. Field trips will also be taken to the lake shore and other points where preservation of life form is now going on. Students will also be required to make as full a collection of fossil forms as can be readily secured from the fossil horizons of the locality. Prerequisites Geology 1 or 2 and preferably Biology 3.

First semester, T. Th. at 9:00 and three hours laboratory or field work per week; three hours credit. Laboratory fee \$1.00.

**3a.\* Vertebrate Paleontology.**—This is a continuation of course 3 dealing with the general structure of vertebrates, of the part commonly fossilized, as well as the conditions under which they have been preserved. Second semester, T. Th. at 9:00 and three hours laboratory or field work per week; three hours credit. Laboratory fee, \$1.00.

**4. Soil Geology.**—This course is offered especially for students interested in agriculture. It deals with the common rocks and rock forming minerals and with the various agents of weathering, and the process of metamorphism. It also treats of the geologic relations of climate and ground water. First semester, M. W. F. at 1:15 and two two-hour laboratory periods a week; five hours credit. Laboratory fee \$1.00.

**5. Economic or Applied Geology.**—This course consists of studies of various economic products and their mode of occurrence, their development, and problems connected with their utilization and conservation. For the year 1916-17 the following topics will be treated:—building materials, underground water, and mineral fertilizers. Second semester, M. W. F. at 1:15 and one two-hour laboratory period or field trip per week; four hours credit. Laboratory fee \$1.00.

**6. Commercial Geography.**—This deals with the application of the principles of physiography to man and his activities and industries.

A detailed geographic study will be made of the United States and one or two selected European countries to illustrate how these principles have been worked out in the world. Throughout the year, M. W. F. at 10:00, and one two-hour laboratory period per week; eight hours credit.

**7.\* History of Geology.**—This course deals with the development of geology, taking up the lives and teachings of the founders of the science. First semester, M. W. F.; two hours credit. (Not given 1916-17.)

**8. Physiography of the United States.**—This course takes up the physiographic divisions of the United States, in detail and traces their development and their influence on the history and industry of the people. First semester, lecture M. at 3:15 and four hours laboratory work each week. Three hours credit. Laboratory fee, \$1.00. (Not given 1916-17.)

**9.\* Physiography and Geology of Utah**—A general survey of the physiography and geology of the state with a more detailed study of its mineral and other possibilities. Second semester, lecture M. W. at 3:15 and the equivalent of three hours laboratory work required each week. (A large part of the laboratory work will be taken in the form of field trips to various points in the state.) Three hours credit. Laboratory fee, \$1.00. (Not given 1916-17.)

**10. Lithology.** Laboratory and field study of the common rocks with determinations. Each student will be required to make a collection of a certain number of type forms. First semester, lecture F. at 1:15 and four hours laboratory or field work each week; three hours credit. Laboratory fee, \$1.00.



11. **Mineralogy.**—A course in mineral determination by means of physical characteristics, simple chemical reactions, and blow pipe analysis. A collection of a certain number of the chief rock forming minerals will be required of each student. Second semester, lecture T. at 1:15 and four hours laboratory work each week; three hours credit. (Not given 1916-17.)

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## DEPARTMENT OF BIOLOGY

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*Professor Henderson.*

*Professor Smart.*

1. A course in general biological science in which the principles of biology as illustrated by plants are considered. Type forms representation of the various groups are studied in the laboratory, and field as a basis for understanding their structure, life histories relationships and physiological activities. Preference is given to local forms for study. This and course 2 are introductory to botany, zoology, physiology, bacteriology and are properly preliminary to all advanced biological subjects. First semester. Lecture T. and Th. at 9:00. Laboratory M. W. F. 9-11. Five hours credit. Laboratory fee, \$3.00.

2. A course in which the principles of biology as illustrated by animals, are considered. Laboratory methods and study as in course 1. Local forms, whenever possible. This is a continuation of course 1 and logically follows it, but may be elected before it. Second semester. Hours and credit as in course 1. Laboratory fee, \$3.00.

**3. Physiology, Hygiene and Sanitation.**—In this course the needs of the normal student will be kept in mind and abundant material will be furnished for those who are preparing to teach the subject. In addition to studying the life processes of digestion, circulation, respiration, coordination, etc., special attention will be given to hygiene and sanitation and the underlying principles of individual and public health. Three recitations and one laboratory period throughout the year at 1:15; six hours credit. Laboratory fee, \$1.50 each semester.

**4.\* Invertebrate Zoology.**—In this course are considered the comparative anatomy, classification, behavior and life histories of invertebrate animals, also the Adelo-chorda and Urochorda of the Phylum Chordata. Work and observations on living forms are introduced when possible. Special attention is given to the local fauna. One lecture and two three-hour laboratory periods per week throughout the year; six hours credit. Laboratory fee \$3.00 each semester. Prerequisite Biology 1 and 2.

**5. Entomology.**—(a) General insect morphology. (b) General classification of insects with practice in methods of collection and preservation, and consideration of economic relations. Throughout the year. Lectures M. W. F. and laboratory T. Th. at 3:15; three hours credit each semester. Laboratory fee \$1.00 each semester.

**6. Bacteriology.**—This course is intended to give a general understanding of the morphology, classification, physiology, and cultivation of bacteria and of their relation to disease in plants, animals and man, and to agricultural and domestic pursuits. Laboratory work is devoted to such topics as, methods of culture and preparation, fermentations, bacterial analysis of milk, water, air, soils, etc. First semester. Lecture T. and Th. at 3:15. Laboratory M. W. F. at 3:15 to 5:15; five hours credit. Laboratory fee \$3.00.

**7.\* Plant Histology.**—A comparative study of tissues and tissue systems. Emphasis is given to the technique of preparing, staining and mounting of sections for microscopic examination. Especially helpful to students who contemplate teaching or pursuing special work in biological sciences or in agriculture. Prerequisite, Biology 1 and 2. First semester, M. W. F. 1:15 to 3:15, three hours credit. Laboratory fee, \$3.00.

**8.\* Plant Physiology.**—Lectures and laboratory work on the physiology of the common cultivated plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, digestion, translocation, respiration, growth and the reaction of plants to stimuli. Prerequisite Biology 1 or 7. Second semester. Lecture T. and Th. at 3:15. Laboratory, M. W. F. 3:15 to 5:15; five hours credit. Laboratory fee \$3.00.

**9. Plant Pathology.**—The fundamental principles of plant disease and plant disease control are treated in laboratory and lecture, supplemented by field trips where plants are studied in relation to their environment, and the characteristics of their common maladies noted. Study is made of symptoms of disease, life histories of casual organisms, as a basis for understanding methods of control. First semester. Lecture T. at 10:00. Laboratory T. Th. at 1:15 to 3:15; three hours credit. Laboratory fee \$2.00. Prerequisite Biology 1.

**10.\* Methods in Plant Pathology.**—This is primarily a laboratory course devoted to the technique of methods in plant pathology. Such topics as preparation of culture media, isolation and culture of parasitic organisms, inoculation of host, reisolation of disease producing organisms, etc., will be considered. Second semester. Lecture T. at 10:00. Laboratory T. Th., at 1:15 to 3:15; three hours credit. Laboratory fee \$3.00. Prerequisite Biology 6 and 9.

**11.\* Algae.**—A study of the morphology, life histories, classification and relationship of algae from each of the different groups, both fresh water and marine, special emphasis being given to local forms. One lecture, two two-hour laboratory periods, first semester; three hours credit. Prerequisite Biology 1 and 2. Laboratory fee \$2.00.

**12.\* Fungi.**—A study of the morphology, life histories, and classification of fungi, special emphasis being given to forms causing disease in plants and animals. Attention will also be given to culture methods and preservation of specimens. One lecture, two two-hour laboratory periods, second semester; three hours credit. Prerequisite Biology 1 and 2. Laboratory fee \$2.00.

**13.\* Liverworts, Mosses and Ferns.**—A study of the morphology, life histories, classification and relationships of the liverworts, mosses and ferns. Materials for laboratory study will be selected from local forms as far as possible. One lecture, two two-hour laboratory periods, first semester; three hours credit. Prerequisite Biology 1. Laboratory fee \$2.00.

**14.\* Seed Plants.**—A study of the morphology, life histories and classification of seed plants, special emphasis being given to the local flora. Field work is an important feature. Second semester M. W. and F. at 1:15 to 3:15; three hours credit. Prerequisite Biology 1. Laboratory fee \$2.00.

**15.\* Research.**—Open to properly qualified graduate students. Subjects may be selected in botany or plant pathology. Registration only after consultation.

\*Note.—Courses 4, 7, 8, 10, 11, 12, 13, 14 and 15 may be applied on graduate work. Courses 11 and 12 are offered in alternate years with courses 13 and 14.



**DEPARTMENT OF AGRICULTURE**

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*Professor Merrill*  
*Professor Smart.*  
*Professor Buss.*  
*Professor Henderson.*  
*Instructor Jones.*

**AGRONOMY**

**1. Agriculture for High School Teachers.**—This course provides an opportunity for secondary training in the teaching of Agriculture. Emphasis is placed on the methods of presentation and supervised practice teaching. Open to students majoring in Agriculture, who have taken or are registered for Education 9. Either semester, time to be arranged; four hours credit. (See Education 10.)

**2. Soil Physics.**—This course is a detailed study of soils and soil types. It treats of such topics as origin and formation of soil, chemical and physical composition and their relation to crop production; soil moisture; the biology of the soil; maintaining and increasing soil fertility. The laboratory work will consist of field trips, soil judging, and the making of a physical analysis of a certain type of soil, in which the student is most interested. Throughout the year, daily at 2:15; two one-hour laboratory periods a week; eight hours credit. Laboratory fee \$1.00 each semester.

**3. Thremmatology.**—In this course the principles and practices involved in the improvement of domesticated plants and animals are studied. Such topics as variation, selection, correlation, heredity, prepotency, Mendel's Law of Hybrids, etc., are considered. Throughout the year, M. W. F., at 9:00; six hours credit. (Not given in 1916-17.)

**4. Agricultural Botany.**—This is essentially a course in Plant Physiology with special reference to agricultural plants. The structure, function and response of plant organs will be the subject matter of the course. Second semester, daily; five hours credit. (See Biology 6.)

**5. Field Crops.**—This is a study of the botanical characteristics, methods of improvement, classification and market requirements of farm crops. Testing of fungicides used in holding fungus diseases in check, and the effect of these on germination; grain judging. Second semester, daily at 9:00; five hours credit. Laboratory fee 75 cents.

**6. Agricultural Chemistry.**—The aim of this course is to give thorough training in the analysis of soils and agricultural products. Open to students who have completed Chemistry 3, Second semester, M., at 2:15, and eight hours laboratory work a week; five hours credit. (See Chemistry 13.) Laboratory fee \$4.00.

**7. Soil Geology.**—This course is offered especially for students interested in agriculture. The work consists of a brief survey of general geology and a careful study of the mineralogy and geology of soils and the influence of climate on soil fertility; mineral fertilizers, building and road-making materials. First or second semester, M. W. F., at 8:00, and two two-hour laboratory periods a week, five hours credit. Laboratory fee \$1.00.

**8. Agricultural Literature.**—The thing that characterizes agricultural science is the rapid increase of both technical and general literature on agricultural topics. Students selecting this course will make a careful and critical examination of the literature of specific subjects and finally submit a thesis on the subject thus investigated, together with a bibliography. Credit given according to the work done. Not less than two hours and not more than six hours will be given.

**HORTICULTURE**

**1. Economic Entomology.**—This course is a study of the life history and methods of combating destructive insects. Throughout the year, M.W.F. at 3:15, and one two-hour laboratory period a week.; six hours credit. Laboratory fee \$1.00.

**1a. Bee Culture.**—A course in Bee Culture covering a period of five weeks is included in the course in economic entomology. Students desiring work in this line will elect entomology, or may enter for five weeks only, without credit.

**2. Pomology.**—This course deals with the theory and practice of fruit growing. Such topics are considered as the selection of the orchard site with reference to exposure, soil, market, and climate conditions; selection of varieties for home and market uses; the nursery stock; laying out and planting of the orchard; care and management; picking and marketing fruit, Throughout the year at 8:00 on M. W. F.; six hours credit. (Not given in 1916-17.)

**3. Plant Pathology.**—The fundamental principles of plant disease and plant control are treated in laboratory and lecture, supplemented by field trips where plants are studied in relation to their environment and characteristics of common maladies noted. Study is made of symptoms of disease, life history of casual organisms, as a basis for understanding methods of control; and representative disease producing forms are raised as an introduction to the classification of parasitic fungi. During the second semester some attention is devoted to the technique of culture methods, isolation of parasitic organisms, inoculation of the host, etc. Throughout the year. Lecture T. at 10:00. Laboratory T. and Th., at 1:15 to 3:15; three hours credit each semester. Labor-

atory fee \$2.00 each semester. Should be preceded by Biology 1 and 5.

## ANIMAL HUSBANDRY

1. **Animal Nutrition.**—This course deals with the general principles which underlie the proper methods of feeding and management of all classes of live stock. The common foods given to stock will be studied, as to their composition and nutritive value and how both are effected by maturity and curing. Calculating rations for the various classes of farm animals under various conditions. First semester, daily at 9:00; five hours credit.

2. **Types and Breeds.**—This course is a consideration of the types and breeds of horses, beef cattle, sheep and swine; their origin, development, adaptability to western conditions, records, pedigree and leading families of each. First semester, daily at 1:15; five hours credit.

3. **Veterinary Science.**—In this course the common ailments and diseases of farm animals are discussed. Contagious diseases are taken up in detail with special reference to their cause and prevention. Sanitary Science is a prominent feature in this course. The student is made familiar with the methods of examination for soundness, both in class room and in actual demonstration. Throughout the year, M. W., and one clinical period a week; six hours credit. Laboratory fee 50 cents. (Not given in 1916-17.)

4. **Advanced Stock Judging.**—This work takes up the judging of market classes as well as the different breeds of pure bred animals, and includes the judging of groups of animals of all classes. It takes up the work done in fairs. Trips are taken to our best stock farms, where the student is given practical experience in judging. Given in connection with courses 2 and 5.



**5. Dairy Cattle.**—This course deals with dairy cattle and milk production. It is a consideration of such topics as the dairy type, dairy breeds, standards and selection of the dairy cow, the herd bull, management of dairy cattle. Testing of milk, keeping records, etc. The laboratory work will consist of judging dairy cattle, testing of milk and demonstrating work with the latest and best dairy machinery with which the laboratory is equipped. M. W. F., at 1:15; second semester; three hours credit.

**6. Market Classes and Grades.**—This course is a study of the market classes and grades of horses, cattle, sheep and swine. The prevailing condition of the large markets, transportation, classification at the market, etc., will be the subject matter of the course. Lecture and assigned readings. Second semester, T. Th., at 1:15; two hours credit.

**7. Poultry Craft.**—This course is offered to meet the growing demand for the latest scientific information in regard to the poultry industry. Open to students of advanced high school and college grade. It treats of systems of keeping poultry, housing, feeding the chicks, and breeding stock. Incubation, egg production, preparation of poultry for market, diseases of poultry; types, breeds, and varieties of chickens, ducks, turkeys, the breeding of poultry, etc. During the second semester a careful study will be made of the developing chick and practice will be given in the operation of a modern incubator. Throughout the year, two hours; four hours credit.

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## DEPARTMENT OF MUSIC

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*Professor Lund.*

*Professor Johnson.*

*Professor Gudmundson.*

*Professor Sauer.*

**1. Harmony.**—Throughout the year, T. Th., time to be arranged; four hours credit.

2. **Composition.**—Throughout the year, T. Th., time to be arranged; four hours credit. “Form and Composition.”

3. **Music History.**—Throughout the year, F., time to be arranged; two hours credit.

4. **Directing and Supervising.**—Throughout the year, W., time to be arranged; five hours credit.

5. **Opera, or Oratoric Work.**—Second semester, daily, time to be arranged; five hours credit.

### PRIVATE PIANO

*Professor Lund.*

*Professor Johnson.*

Credits for advanced piano work will depend upon rendition of standard works from piano literature in the fifth and sixth grades. For one lesson a week throughout the year, four hours credit; for two lessons a week throughout the year, eight hours credit.

### PRIVATE VOCAL

*Professor Lund.*

*Professor Johnson.*

Students majoring in vocal music will be required to render publicly, standard arias from opera and oratorio, also difficult songs from the best living composers. For one lesson a week throughout the year, and four hours credit. Two lessons a week throughout the year; eight hours credit.

### PRIVATE VIOLIN

*Professor Gudmundson.*

Students making violin their major will be required

render concertos from Rode, Mozart, Spohr, in addition to difficult modern compositions. For one lesson a week throughout the year; four hours credit. For two lessons a week throughout the year; eight hours credit.

### WIND INSTRUMENTS (Private)

*Professor Sauer.*

Students majoring in wind instruments will be required to render such solos, cadenzas, etc., as are found in difficult orchestral and band compositions. For one lesson a week throughout the year, four hours credit.

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## DEPARTMENT OF CORRELATED ARTS

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### FINE AND APPLIED ARTS

*Professor Eastmond.*

*Assistant Professor Larson.*

*Instructor Young.*

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### PICTORIAL ART

1. **Water Color Painting.**—General landscape representation. Objective and subjective composition. Study of harmony, etc. First semester, M. W. and F., at 3:15; one studio hour, time to be arranged; three hours credit. Laboratory fee \$1.50.

2. **Water Color Painting.**—Continuation of 1. Still life representation, flower paintings, etc. Second semester, M. W. F., at 3:15; three hours credit. Laboratory fee \$1.50.

**3. Illustration.**—Study of the reproduction of illustrations, printing plates, mediums, etc. Composition. Color study. Practical illustration work. Required, Design a, or the equivalent. First semester, T. Th., at 3:15; one studio hour, time to be arranged; three hours credit.

**4. Illustration.**—Continuation of 3. Applied etching. Second semester, T. Th., at 3:15; one studio hour, time to be arranged; three hours credit.

**5. Oil Painting.**—Objective and subjective landscape. Composition and color study continued. Required, Pictorial Art 1 and 2. First semester, M. W., at 2:15; one studio hour, time to be arranged; three hours credit. Laboratory fee \$1.50.

**6. Oil Painting.**—Continuation of 5. Decorative painting. Still life. Study of naturalism and impressionism. Required History of Art lecture course. Second semester, M. W., at 2:15; one studio hour, time to be arranged; three hours credit. Laboratory fee \$1.50.

Note.—Courses 1, 2, 3, 4, 5 and 6 may be given as studio work.

## STUDIO WORK

1. Outlines of work and other courses of instruction will be given by the director of the department. Special attention is given to individual needs. Hours of credit are based on the basis of three hours work for one hour credit; T. Th., at 2:15. Laboratory fee of 50 cents for each hour's credit.

## HISTORY OF ART

**1. Study and Application.**—Historic development of formative influences. Religion and Art. Primitive



art. A consideration of the Pre-Greek (Egyptian, Chaldean-Assyrian, Phoenician, etc.), Greek, Roman, Pomeian, Byzantine, Saracenic and Romanesque. Illustrative charts will be made for practical use and appropriate applied work taken up as a means of participation. First semester, part time given to illustrated lecture course. Time to be arranged; two hours credit. Laboratory fee 50 cents.

**2. Study and Application.**—Continuation of 1. Gothic and Renaissance. Illustrative charts will be made and appropriate applied work taken up as a means of participation. Second semester part time given to illustrated lecture course. Time to be arranged; two hours credit. Laboratory fee 50 cents.

Note.—Time and credit for Illustrated Lecture course (History of Art) to be arranged by the director of the department.

## APPLIED ART

**1. Design Study and Application.**—(Correlated with Mechanic Art, Art Needlecraft, Domestic Science, etc.). Study and application of historic form and color. Creative design. The study of form, line and color from psychological point of view. Applied decoration consisting of mural designing and application—free-hand decoration, stenciling, etc. Crafts work appropriate to the library as a center or adapted through special need. History of Art lecture course required. First semester, T. Th.; two hours credit. Laboratory fee \$1.00.

**2. Design Study and Application.**—(Correlated with Mechanic Arts, Art Needlecraft, Domestic Science, etc.). Continuation of 1. Emphasis on applied color study. Book of Mormon correlative work. Second semester, T. Th., at 2:15; two hours credit. Laboratory fee \$1.50.

## CRAFTS WORK

Outlines of work and other instructions will be given by the director of the department. Special attention is given to individual needs along the lines of Applied Arts. A lesson fee will be charged for the various phases of crafts work.

China Painting, Poster and Show Card writing, Wood Carving, Scenery Painting, House Painting, etc., may be taken up with special instructors. Credit is on the basis of three hour's work (one hour general critic) for one hour credit. Time to be arranged. Required Design 1.

Note.—For courses in Normal Art, see Arts Supervision, Department of Education.

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## MECHANIC ARTS

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### DRAFTING

*Professor Eastmond.*

*Professor Partridge.*

*Instructor McQuarrie.*

**1. Agricultural Drawing.** — Instrumental perspective. Fences, bridges and buildings in perspective. Line and wash rendering. Application of ancient and modern styles of Architecture (History of Art 1 required as a parallell course). First semester, M. W. F., at 10:00; two hours. Laboratory fee 50 cents. Required Drafting A or equivalent.

**2. Architectural Drawing.**—Continuation of 1. Plans for grounds, stores, etc. Original designing emphasized. Application of design. History of Art 2 required as a parallell course. Second semester M. W. F., at 10:00; two hours. Laboratory fee 50 cents.

**3-4. Architectural Drawing.**—Study of house planning. Detail work and furniture construction. Original designing emphasized. Design 1 required. Throughout the year, M. W. F., at 1:15; four hours. Laboratory fee 50 cents each semester.

**5. Machine Drawing.**—Detail of parts of machines drawn to scale. Designing simple parts of machines. Patent office drawings. First semester, M. W. F., at 1:15; two hours credit. Laboratory fee 50 cents.

**6. Machine Drawing.**—Continuation of 3. Students will design machines complete. Drawings will be made of all details, care being used to make them as they would be where actual building follows the designing. Second semester, M. W. F., at 1:15; two hours credit. Laboratory fee 50 cents.

## WOODWORK

**1. Cabinet Work.**—Harmony and proportion. Original design work emphasized. Plain stair building and general line of practical exercises with instruction in the designing, construction and finishing of high-grade cabinet work; also sash and door work and joinery. Design A required. Throughout the year, M. T. W. Th. at 4:15; four hours credit. Laboratory fee \$3.50.

**2. Building.**—Theory of building from drawings with practical illustration in roof building, in plain and complicated forms, and a general line of carpenter work. Architectural drawing required before completing the course. Throughout the year, M. T. W. Th., at 4:15; four hours credit. Laboratory fee \$3.50.

**3. Building.**—General problems of framing. Selection of materials. Laying out work and supervising

construction. Shops and buildings will be visited and studied. Required History of Art lecture course. Either semester, T. Th., at 4:15; two hours credit. Laboratory fee \$3.50.

**4. Shop Work.**—Under the direction of the teacher students may do advanced work and receive from two to four hours credit, according to the amount of work done. Laboratory fee \$3.50.

Note.—For courses in Normal Drafting, Woodwork or Ironwork, see Arts Supervision, Department of Education.

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## COURSES IN HOME ECONOMICS

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*Professor Harris.*  
*Instructor Eyring.*  
*Professor Eastmond.*

### DOMESTIC SCIENCE

**1. Preparation of Foods for Winter.**—Bacteria relation to the domestic industries. Food manufacture. Study of food principles and their functions in the body. Simple preparation of jellies, vegetables, meats, breads and desserts. Two two-hour laboratory periods and two lecture periods a week, M. W., at 1:15; throughout the year; eight hours credit. Laboratory fee \$2.50 each semester.

**2. Detailed Study of Foods, Food Values and Cost.**—Kinds and amounts of food for different ages and occupations. Planning of meals and serving. Canning fruits and vegetables. Advanced cooking periods a week. Throughout the year, T. Th., at 3:15; eight hours credit. Laboratory fee \$2.50 each semester.



**3. Dietetics.**—This course aims to present the fundamental principles of nutrition and to apply them to the feeding of individuals and groups under the varying physiological, social and economic conditions. Prerequisite, physiology, organic chemistry, Domestic Science 1, and Domestic Science 2, or parallel. Throughout the year, T. W. Th. at 1:15, and laboratory period F., from 1:15 to 3:15; eight hours credit. Laboratory fee \$2.50 each semester.

**4. Experimental Cookery.**—This course presents the principles and processes of cookery, sources of information, and demonstrative cookery from the standpoint of the student's preparing to teach Domestic Science. Throughout the year, M. W., at 3:15 to 5:15; four hours credit. Laboratory fee \$2.50 each semester. (Not given in 1916-17.)

**5. Home Structure and Applied Art Study.**—Historic development of the house. House planning. Study of the consistency of applied form. (See Applied Art.) Required History of Art lecture course. First semester, M. W., at 4:15; two hours credit. Laboratory fee \$1.50.

**6. Home Equipment and Applied Art Study.**—History of furniture. Applied form study continued. Applied color study. Application of stenciling and other appropriate forms of crafting. Applied picture study. Mural design study and application. (See Applied Art 2.) Required, History of Art lecture course. Second semester, M. W. F., at 4:15; two hours credit. Laboratory fee \$1.50.

**7. Teaching of Domestic Science.**—A consideration of existing courses of study. The planning and presentation of lessons. Practice given in the planning of laboratory equipment and in observation, assistance and teaching in school classes. Two hours a week throughout the year; time to be arranged; four hours credit. Edu-

cation 1 and 2 and Domestic Science 3 and 4 and A Supervision 1 required. (Not given in 1916-17.)

## DRESSMAKING

*Professor Elliott.*

*Instructor Eyring.*

The courses are designed to fit young women for normal work, home work and incidentally for professional work. The designing of dresses is studied from an artistic point of view, giving the opportunity to develop originality, good judgment and taste in adapting fashions to the form. The student is required to study physiology and physical culture as a means of understanding that the costume should be fitted to the well developed and well proportioned form, and not the form fitted to the costume.

**1. Model Construction.**—Used in shirt waist making. Study of textiles. Plain shirt waists, dress sacques, kimono's, house dresses, under skirts, and patterned woolen skirts; one other article required. Prerequisite Domestic Art A. Throughout the year, M. T. W. at 9:00; four hours credit. Laboratory fee \$1.50 each semester.

**2. Drafting.**—Developing of patterns, models and fagoting stitches. Trimming with lace, shaping yokes, making of fine white waists, infants' lace hosiery. Study of textiles continued. House dresses, summer dresses, children's dresses. Design A required. Throughout the year, M. W. F., at 10:00; six hours credit. Laboratory fee \$1.50 each semester.

**3. Pattern Drafting.**—Tailor made shirt waists and

suits. Designing and making of fine muslin or silk one-piece dresses made on shirt waist draft. Study of woolen textiles. First semester, M. W., at 3:15; four hours credit. Laboratory fee \$1.50.

**4. Pattern Drafting.**—Continuation of course 1. Second semester, M. W., at 3:15; four hours credit. Laboratory fee \$1.50.

**5. Pattern Drafting and Models.**—Making of close fitting lined dresses. Princess slips. One-piece dresses. Study of silk and linen textiles. First semester, M. W. F., at 2:15; four hours credit. Students who take the study of Textiles only on Friday may receive one hour credit. Laboratory fee \$1.50.

**6.** Continuation of course 3. Second semester, M. W. F., at 2:15; four hours credit. Laboratory fee \$1.50.

## SHOP WORK

In this department work is done for the public as in regular establishments. Advanced students may do some of this outside work under the supervision of the teacher. Credit is given.

Note.—For Normal work in Domestic Art see Department of Education.

## ART NEEDLEWORK

**1. Art Needlework.**—Crocheting, Roman cut work, Hedebo, cross stitch work, colored embroidery. Design A required. (Credit is given for original design work only.) Four recitations (two recitations in Designing for Needlework). Throughout the year; four hours credit. Laboratory fee 50 cents each semester.

## PHYSICAL EDUCATION

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*Professor Roberts.*

*Instructor Dixon.*

*Instructor Webb.*

A special fee of \$1.00 is charged all students taking physical training.

1. (For men.) Elementary exercises with light and heavy apparatus. Marching tactics, games, relays, gymnastic dancing, and Swedish gymnastics. Throughout the year, M. W. F., at 4:15; two hours credit.

2. (For women.) Elementary Swedish gymnastics. Throughout the year, M. W. F., at 3:15; two hours credit.

3. (For men.) Advanced American, Swedish and general gymnasium work. Throughout the year, T. Th., at 4:15; two hours credit.

4. (For women.) Advanced Swedish gymnastics. Throughout the year, M. W. F., at 2:15; two hours credit.

## PROFESSIONAL COURSES

5. (For men and women together.) Modern social dancing, folk dancing, group games, social plays, social dancing and its direction. Throughout the year, W., at 5:15; no credit.

6. **Theory and Practice of Athletic Coaching.**—This course is designed to prepare athletic directors for supervision of activities in district and high schools. It deals with the history and development of track and field contests, competitive team games, wrestling, boxing, tennis, baseball and basket ball, and the best methods of conditioning athletes for competition, also how to conduct field meets, and responsibility and opportunity of ath-



letic director in school sports. Throughout the year daily, time to be arranged; four hours credit.

**7. Theory and Practice of Physical Directorship.—**

This course is designed for teachers in high schools and district schools who expect to supervise gymnasium work, physical exercise and play activities. Lectures on history and development of physical education, growth and its relation to education, physiology of exercise, gymnastic kinesiology, anthropometry, play, play ground supervision, school hygiene, sanitation and first aid. Throughout the year, two lectures and two practice periods a week, time to be arranged; four hours credit.

Note.—Physical Education 6 and 7 will likely be combined, and two hours a semester credit given.

**8. Scoutcraft.—**This course aims to prepare scout leaders for active supervision of ward scout activities. The hand book for scout masters and other scout manuals will be used as texts, and lectures will be given by leading professors in the faculty. This course will be given in connection with the M. I. A. course.

All Freshmen and Sophomore students are required to take Physical Education.

## EXTENSION DEPARTMENT

### EXTENSION CLASS WORK

To meet the increasing demand made upon the school, competent teachers in various parts of the state have been affiliated with the Teachers' College faculty and during this year will offer courses for which college credit will be given.

### FACULTY

James L. Brown	}	Committee in Charge.
M. P. Henderson		
J. C. Swenson		
J. C. Swenson	Brigham Young University, Provo	Social and Political Science and His- tory
J. L. Brown	Brigham Young University, Provo	Education
A. N. Merrill	Brigham Young University, Provo	Agriculture
E. H. Smart	Brigham Young University, Provo	Horticulture
Thatcher C. Jones	Brigham Young University, Provo	Commerce
J. L. Barker	Weber Academy,	Ogden French and German
J. E. Hickman	Brigham Young College,	Logan Educational Psychol- ogy and Pedagogy
N. E. Noyes	Snow Academy,	Ephraim Education
R. Maeser	Murdock Academy,	Beaver English
Hugh M. Woodward	St. George Academy,	St. George History of Education
A. B. Christensen	Ricks Academy,	Rexburg, Idaho German and Ancient History
A. C. Peterson	Gila Academy,	Thatcher, Arizona English and Education

Classes will be organized where a sufficient number of students justify it. It is expected that the number in a class will be at least ten, but this is left to the discretion of the teacher giving the course.

**Tuition.**—Arrangements for tuition will be made with the professor in charge and will vary from \$5.00 to \$20.00, depending upon the number in the class and the nature of the course.

**Registration Fee.**—Each student will be required to pay a registration fee of \$2.50 before any credit is officially registered.

Any information regarding the organization of these classes will be gladly furnished by the committee on extension work.

### CORRESPONDENCE COURSES

Correspondence courses are offered primarily for students who are forced to leave school before completing regular courses. The opportunity is given such to register in this department and finish their incomplete work through correspondence with the regular instructors. At present the department is not able to offer complete courses in all the work regularly given in residence, but a large number can be given. Last year the following courses were given: Physics, English, Educational Psychology, History, Education, Mathematics, Economics, Sociology, and School Management. Any course which a student desires may be applied for and the department will endeavor to furnish the course or a substitute.

**Tuition and Registration Fee for Correspondence Courses:**

2 hour courses-----	\$12.50	5 hour courses-----	\$20.50
3 hour courses-----	15.00	6 hour courses-----	22.50
4 hour courses-----	17.50	10 hour courses-----	32.50

Any fraction of a course less than an equivalent of a two-hour course, \$10.00.

# SCHEDULE OF

8:00	Recita- tions	9:00	Recita- tions	10:00	Recita- tions	11:00	Recita- tions	1:15	Reci- tic
Agronomy 7,	3	Agronomy 5,	5†	Astronomy 1,	2	Theology 1,	5	Animal Hus-	
Commerce 7,	4*	Animal Hus-		Biology 1,	3*	Theology 2,	5	bandry 2,	
Commerce 8,	3*	bandry 1,	5*	Biology 2,	3†	Theology 2-a,	5	Animal Hus-	
Economics 1,	5*	Biology 1,	5*	Biology 9,	T*	Theology 3,	5	bandry 5,	
English 1,	5	Biology 2,	5†	Biology 10,	T†	Theology 4,	5	Animal Hus-	
English 1-a,	3	Chemistry 7,	3	Chemistry 1,	5*	Theology 4-a,	5	bandry 6,	
German 1,	5	Commerce 5,	5	Chemistry 2,	5†			Arts Super-	
Government 1,	3	Commerce 9,	4†	Commerce 6,	5			vision 1,	
Mathematics 3,	5*	Commerce 10,	4*	Commerce 12,	3			Biology 3,	
Physics 1,	5	Commerce 11,	4†	Drafting 1,	3*			Biology 7,	
Physics 11,	5†	Dressmaking 1,	4	Drafting 2,	3†			Biology 9,	
		Economics 4,	4†	Dressmaking 2,	3			Biology 10,	
		Education 1,	3*	Education 3,	2			Biology 14,	
		Education 1-a,	3†	Education 9,	3			Chemistry 5,	
		Education 5,	3*	Education 12,	F*			Chemistry 13,	1
		Education 6,	3†	Education 13,	F†			Commerce 1,	
		Education 7,	2*	Education 14,	3*			Commerce 2,	
		Education 8,	2†	English 8,	3			Commerce 3,	
		Elocution 2,	3	English 9,	3			Commerce 4,	
		English 1,	3	English 12,	2			Domestic Sci-	
		English 1-a,	3	Elocution 1,	3			ence 1, M.	
		Geology 2,	3	French 1,	5			Domestic Sci-	
		Geology 3,	2*	Geology 6,	3			ence 3,	
		Geology 3-a,	2†	History 9,	3			T.W.Th	
		German 2,	5	Horticulture 3,	T			Drafting 3-4,	
		Government 2,	3	Kindergarten 1,	2			Drafting 5,	
		Kindergarten 2,	2	Kindergarten 3,	2			Drafting 6,	
		Mathematics 1,	5*	Mathemat-				Education 4,	
		Mathematics 2,	5†	ics 5,	5†			English 1,	
		Sociology 5,	2	Physics 5,	5*			French 2,	
				Sociology 1,	3*			Geology 4,	
				Sociology 2,	3†			Geology 5,	
				Sociology 3,	2*			Geology 10,	
				Sociology 4,	2†				

\*First semester only.

†Second semester only.

Classes that do not go throughout the year are indicated by an asterisk or dagger.



# CLASS RECITATIONS

2:15	Recita- tions	3:15	Recita- tions	4:15	Recita- tions	5:15	Recita- tions
Agronomy 2, 5		Biology 8, 5†		Domestic Sci- ence 5, M.W.*		Phys. Ed. 5, W.	
Agronomy 6, M†		Biology 5, 5†		Domestic Sci- ence 6, 3†		Physics 8, 2	
Applied Art 2, 2†		Domestic Science 2, 2		English 16, 3			
Biology 7, 3*		Dressmaking 3, M.W.*		English 17, 2			
Biology 3, 2*		Dressmaking 4, M.W.†		Normal Manual Training 1, 3			
Biology 9, 2*		Education 2, 3*		Phys. Ed. 1, 3			
Biology 10, T.Th.†		Education 2-a, 3†		Phys. Ed. 3, 2			
Biology 14, 3†		Education 12, Th.*		Woodwork 1, 4			
Commerce 1, 5*		Education 13, 2†		Woodwork 2, 4			
Commerce 2, 5†		English 3, 3		Woodwork 3, 2			
Commerce 3, 5*		English 6, 2*					
Commerce 4, 5†		English 6-a, 2*					
Dressmaking 5, 3*		English 7, 2†					
Dressmaking 6, 3†		English 11-a, 3					
Domestic Science 3, F.		Geology 7, M†					
Education 4, 5		History 1, 5*					
English 2, 2		History 2, 5†					
English 1, 3		Horticulture 1, 3					
Geology 1, 3*		Normal Draw- ing 1, 3					
Geology 1-a, 3†		N. Man. Tr. 2, 2					
German 3, 5*		Pict. Art 1, 3*					
German 4, 5†		Pict. Art 2, 3†					
History 3, 3*		Pict. Art 3, 2*					
History 4, 3†		Pict. Art 4, 2†					
Horticulture 3, 2		Physics 10, 5†					
Phys. Ed. 4, 3		Phys. Ed. 2, 3					
Physics 3, 5*		Phys. Ed. 4, 2					
Physics 4, 5†		Sociology 6, 3*					
Pict. Art 5, M.W.*							
Pict. Art 6, M.W.†							
Studio Work 1, 2							

The classes scheduled 3 recitations meet on Mondays, Wednesdays, Fridays. Those scheduled 2 recitations meet on Tuesdays and Thursdays.

# University High School

## FACULTY

GEORGE H. BRIMHALL, B. Pd., D. Sc. D. }  
JOSEPH B. KEELER, D. B., M. Ac. } *Presidency.*  
AMOS N. MERRILL, B. S., M. S. }

WM. H. BOYLE, A. B., *Principal.*

EDWARD H. HOLT, B. Pd., *Head of Dept. of Business Education.*

ANTHONY C. LUND, D. B., *Head of Music Department.*

ELBERT H. EASTMOND, B. Pd., *Head of Dept. of Arts and Manual Training.*

JOHN E. HAYES, *Mathematics.*

ANNIE L. GILLESPIE, *Librarian.*

ERNEST D. PARTRIDGE, B. S., C. E., *Agricultural Engineering.*

CHARLES E. MAW, M. A., *Chemistry.*

EUGENE L. ROBERTS, A. B., *Physical Education.*

EDWIN H. SMART, A. B., *Horticulture.*

VILATE ELLIOTT, B. Pd., *Domestic Art.*

ROBERT SAUER, *Music (Wind Instruments).*

MOSES GUDMUNDSON, *Music (Violin).*

CHARLES R. JOHNSON, *Music (Voice, Piano and Public School Music).*

N. L. NELSON, B. Pd., *Rhetoric and Composition.*

LOTTIE HARRIS, A. B., *Domestic Science.*

FRED BUSS, A. B., *Physiography.*

ARETTA YOUNG, B. Pd., *Art.*

J. MARINUS JENSEN, A. B., *English.*

HERALD CLARK, *Accounting and Commerce.*

DELBERT WEBB, *Mathematics and Physical Education.*

HANS ANDERSON, *Ironwork.*

FERNANDA EYRING, A. B., *Domestic Art and Domestic Science.*

GRACE F. TOUT, *Music (Piano).*

BESSIE IVERSON, *Typewriting.*

ARMOREL DIXON, A. B., *Oral Expression and Physical Education.*

JOHN G. McQUARRIE, *Woodwork.*

THATCHER C. JONES, M. A., *Accounting and Commerce.*

MYRTLE HONE, *Typewriting.*

OLGA WUNDERLY, *Typewriting.*

EDGAR M. JENSEN, A. B., *Art and Manual Training.*

As the College of the Brigham Young University has evolved step by step through the grades of a preparatory school it has developed a well equipped high school, with the following departments:

**Academic Department.**

**Department of Business Education.**

**Music Department.**

**Arts and Manual Training Department.**

**Agricultural Department.**

## COURSES AND CREDITS

A unit of credits, as outlined below, stands for the equivalent of one 45-minute period of recitation each day throughout the school year. In courses where the number of periods of recitation is greater or less than this, the periods of preparation are lengthened or shortened, so as to compensate. No credit will be given or recorded for work amounting to less than  $\frac{1}{4}$  unit. The courses in the following tables are arranged according to years, but if the student has the prerequisites, he may elect from any one of the four years. While each student will be required to register in one of the five departments the electives may be chosen from other departments to make up the requisite amount of work. Students from other departments will be required to pay extra for courses in the Department of Business Education. Courses go throughout the year unless the semester is stated. The amount of credit for which a student may register is four units, except by special permission of the head of the department.

Students are expected to take the courses printed in *italics* in the department in which they register.

## TABLE OF COURSES AND CREDITS

## FIRST YEAR

Recitations Units  
per Week of Cred.

## ACADEMIC COURSE.

<i>Theology a, b</i> .....	5	1½
<i>English a, b</i> .....	5	1
<i>Algebra a</i> .....	5	1

**Electives, 1½ units:**

Science a .....	5	1
(Gen. Science, or Physiography, or Elementary Agriculture.)		
German a .....	5	1
English h .....	2	1½
Physical Education a .....	3	¼

Or the electives may be chosen from other departments of the High School.

## ARTS AND MANUAL TRAINING COURSE.

<i>Theology a, b</i> .....	5	1½
<i>English a, b</i> .....	5	1

**Arts and Manual Training, 1½ units:**

Design a .....	3	1½
Domestic Art a .....	5	1½
Drafting a .....	4	1½
Drawing a .....	3	1½
Ironwork a .....	8	1½
Woodwork a .....	8	1
Elective from other departments of the High School .....		1



Recitations Units  
per Week of Cred.

**MUSIC COURSE.**

*Theology a, b* ..... 5       $\frac{1}{2}$

*English a, b* ..... 5      1

**Music,  $1\frac{1}{2}$  units:**

Singing a, b ..... 4       $\frac{1}{2}$

Orchestra a ..... 5       $\frac{1}{2}$

Band a ..... 3       $\frac{1}{2}$

Piano (Private) .....  $\frac{1}{2}$

Vocal (Private) .....  $\frac{1}{2}$

Violin (Private) .....  $\frac{1}{2}$

Wind Instruments (Private) .....  $\frac{1}{2}$

Elective from other departments of the  
High School ..... 1

**AGRICULTURAL COURSE.**

*Theology a, b* ..... 5       $\frac{1}{2}$

*English a, b* ..... 5      1

**Agriculture, not more than  $1\frac{3}{4}$  units:**

Agriculture a (first semester) ..... 5       $\frac{1}{2}$

Horticulture a (second semester) ..... 5       $\frac{1}{2}$

Animal Husbandry a ..... 3       $\frac{3}{4}$

Elective from other departments of the  
High School .....  $\frac{3}{4}$

**SECOND YEAR**      Recitations    Units  
**ACADEMIC COURSE.**      Prerequisite per Week of Cred.

<i>Theology c, d</i> .....	5	1½
<i>English c, d</i> .....	5	1
<i>History a, b</i> .....	4	1

**Electives, 1½ units:**

Algebra b (second semester) .....	5	1½
English i .....	2	1½
Science b (Botany and Horticulture) ..	5	1
Geometry a .....	Algebra a ..	5    1
German b .....	5	1
Physical Education a .....	3	1¼
Physical Education b .....	2	1¼
Physical Education c .....	1	

Or the electives may be chosen from  
 other departments of the High  
 School.

**BUSINESS COURSE.**

<i>Theology c, d</i> .....	5	1½
<i>English c, d</i> .....	5	1
<i>Commercial Arithmetic a, b</i> .....	5	1
<i>Penmanship a</i> .....	5	1½
<i>Typewriting a</i> .....	5	1½
Elective from other departments of the High School .....		¾

**ARTS AND MANUAL TRAINING COURSE.**

<i>Theology c, d</i> .....	5	1½
<i>Theology c, d</i> .....	5	1½

**Arts and Manual Training, 1½ units:**

Domestic Art b .....	4	1½
Domestic Science a .....	4	1
Drawing b .....	3	1½
Drafting b .....	3	1½
Dressmaking a .....	4	¾
Ironwork b (first semester) .....	8	1½
Woodwork b .....	8	1

Recitations    Units  
per Week of Cred.

## MUSIC COURSE.

<i>Theology c, d</i> .....	5	1½
<i>English c, d</i> .....	5	1
<i>History a, b</i> .....	5	1

**Music, 11½ units:**

Singing c, d .....	4	1½
Harmony a .....	2	1½
Orchestra b .....	5	1½
Band b .....	5	1½
Piano (Private) .....		1½
Vocal (Private) .....		1½
Violin (Private) .....		1½
Wind Instruments (Private) .....		1½

## AGRICULTURAL COURSE.

<i>Theology c, d</i> .....	5	1½
<i>English c, d</i> .....	5	1

**Agriculture, 11½ units:**

Agricultural Engineering a (first semester) .....	5	1½
Agricultural Engineering b (second semester) .....	5	1½
Animal Husbandry d .....	2	1½
Elective from other departments of the High School .....		1

## THIRD YEAR

Recitations Units  
Prerequisite per Week of Cred.

## ACADEMIC COURSE.

<i>Theology e, f</i> .....	5	1½
<i>English e, f</i> .....English c, d...	5	1
<i>Physics a, or</i>		
<i>Chemistry a or a-1</i> .....	5	1
<b>Electives, 11½ units:</b>		
Science c (Elementary Physics) .....	5	1
Geometry b (first sem.) ..Geometry a..	5	1½
History c .....	4	1
Latin a .....	5	1
Physical Education a .....	3	¼
Physical Education b .....	3	¼
Physical Education c .....	1	
Psychology a .....	2	½
Or the electives may be chosen from other departments of the High School.		

## BUSINESS COURSE.

<i>Theology e, f</i> .....	5	1½
<i>English f-1</i> (second semester) .....	5	1½
<i>Bookkeeping a, b</i> ... ..	5	1
<i>Shorthand a</i> .....	5	1
<i>Civics a</i> .....	2	½
<i>Commercial Law a</i> .....	2	½
<i>Parliamentary Law a</i> .....	1	¼
<i>Typewriting b</i> .....	5	½



Recitations Units  
per Week of Cred.

## ARTS AND MANUAL TRAINING COURSE.

*Theology e, f* ..... 5  $1\frac{1}{2}$

*Physics a, or*

*Chemistry a, or*

*Biology* ..... 5 1

**Arts and Manual Training,  $11\frac{1}{2}$  units:**

Domestic Science b (first semester) ... 3  $1\frac{1}{2}$

Drawing c ..... 3  $1\frac{1}{2}$

Domestic Art c ..... 5 1

Dressmaking b ..... 3  $\frac{3}{4}$

Ironwork c (first semester) ..... 5  $1\frac{1}{2}$

Woodwork c ..... 5  $\frac{3}{4}$

Elective from other departments of the  
High School ..... 1

## MUSIC COURSE.

*Theology e, f* ..... 5  $1\frac{1}{2}$

*Foreign Language, or*

*English* ..... 5 1

**Music,  $11\frac{1}{2}$  units:**

Singing e ..... 4  $1\frac{1}{2}$

Harmony b ..... 2  $1\frac{1}{2}$

Solfeggio a ..... 2  $1\frac{1}{2}$

Orchestra c ..... 2  $1\frac{1}{2}$

Piano (Private) .....  $1\frac{1}{2}$

Vocal (Private) .....  $1\frac{1}{2}$

Violin (Private) .....  $1\frac{1}{2}$

Wind Instruments (Private) .....  $1\frac{1}{2}$

Elective from other departments of the  
University ..... 1

	Recitations per Week of Cred.	Units
<b>AGRICULTURAL COURSE.</b>		
<i>Theology e. f</i> .....	5	1½
<i>Physics a, or</i>		
<i>Chemistry a, or</i>		
<i>Biology</i> .....	5	1
<b>Agriculture, 1½ units:</b>		
Astronomy b (Field Crops) (sec. sem.)	5	1½
Animal Husbandry e (first semester) ..	5	1½
Horticulture b .....	2	1½
Elective from other departments of the High School .....		1

## FOURTH YEAR

	Prerequisite	Recitations per Week	Units of Cred.
ACADEMIC COURSE.			
<i>Theology g, h</i> .....		5	1½
<i>English g</i> .....	English c, d...	5	1
<i>History and Civics d</i> .....		4	1

## Electives, 1½ units:

Latin b .....		5	1
Science d (General Chemistry) .....		5	1
Science e (Physiology, Hygiene and Sanitation) .....		5	1
Physical Education a .....		3	¼
Physical Education b .....		3	¼
Physical Education c .....		1	
Trigonometry a (first semester) .....		5	½

Or the electives may be chosen from other departments of the High School.

## BUSINESS COURSE.

<i>Theology g, h</i> .....		5	1½
<i>Bookkeeping c, d</i> .....		5	1
<i>Shorthand b</i> .....		5	1
<i>Economics a</i> (first semester) .....		5	½
Elective from other departments of the High School .....			1½

Recitations Units  
per Week of Cred.

# ARTS AND MANUAL TRAINING COURSE.

<i>Theology g, h</i> .....	5	1½
<i>History</i> .....	4	1

## Arts and Manual Training, 11½ units: --

Chemistry a-1 .....	5	1
Domestic Science c .....	4	1
Drafting b-1 .....	3	1½
Drafting c .....	3	1½
Drawing d .....	3	1½
Woodwork d .....	5	¾
Elective from other departments of the High School .....		

# MUSIC COURSE.

<i>Theology g, h</i> .....	5	1½
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## Music, 11½ units:

Singing f .....	4	1½
Music History a .....	1	¼
Public School Music a .....	2	1½
Solfeggio b .....	2	1½
Theory of Music a (second semester) ..	2	¼
Elective from other departments of the High School .....		

# AGRICULTURAL COURSE.

<i>Theology g, h</i> .....	5	1½
<i>History and Civics d</i> .....	4	1

## Agriculture, 11½ units:

Agronomy a .....	5	¾
Animal Husbandry c (first semester) ..	5	1½
Animal Husbandry b (second semester)	2	¼
Horticulture c .....	3	1½
Elective from other departments of the High School .....		



## ACADEMIC DEPARTMENT

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The courses in this department are specially designed to prepare students for college. Students who register in other departments of the High School elect theology, English, mathematics, history, and other basic courses from this department. Students who register in this department may elect studies from other departments with the approval of the head of this department.

### ENTRANCE REQUIREMENTS

Applicants for admission to the Academic department are admitted on certificate of graduation from the eighth grade, or by giving other evidence of ability to pursue the work.

### GRADUATION

Sixteen units of credit are required for graduation. The following are prescribed:

English, three units.

Science, two units.

Mathematics, one unit.

History and Civics, one unit.

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### COURSES IN THEOLOGY

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*Joseph B. Keeler, Supervisor.*

**Teachers of Book of Mormon Classes:**

*B. F. Larsen.*

*E. H. Holt.*

*Herald Clark.*  
*Ernest D. Partridge.*  
*M. S. Gudmundson.*  
*E. H. Eastmond.*

**Teachers of New Testament Classes:**

*E. H. Smart.*  
*M. Wilford Poulson.*  
*Carl Eyring.*  
*J. M. Jensen.*  
*C. E. Maw.*  
*Thatcher C. Jones.*

**Teachers of Old Testament Classes:**

*Wm. J. Snow.*  
*Alice L. Reynolds.*  
*John G. McQuarrie.*  
*A. C. Lund.*

**Teachers of Church History Classes:**

*Fred Buss.*  
*J. C. Swenson.*  
*Wm. H. Boyle.*

The theological work is the same in all departments of the High School, and practically all of the teachers take part in teaching the courses offered. The courses are based on the standards of the Church of Jesus Christ of Latter-day Saints, viz., the Bible, the Book of Mormon, the Doctrine and Covenants, and the Pearl of Great Price. The aim is to give the students a theoretical understanding of the Gospel of Jesus Christ as taught by the Latter-day Saints. As far as possible, practical religion is emphasized in order that the students may have faith in God and develop a religious character.

**a, b. Book of Mormon.**—First and second semesters. Five hours a week; one-half unit.

**c, d. Life of Christ, and the Development of a Knowledge of the Gospel During the Apostolic Age.**—First and second semesters. Five hours a week; one-half unit of credit.

**e, f. Old Testament.**—First and second semesters. Five hours a week; one-half unit.

**g, h. Church History and Doctrine.**—The history of the latter-day dispensation of the Gospel, as set forth in the new history of the Church and other publications bearing on the subject. First and second semesters. Five hours a week; one-half unit.

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## COURSES IN ENGLISH

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*N. L. Nelson.*

*J. M. Jensen.*

*Wm. H. Boyle.*

*E. H. Holt.*

*Armored Dixon.*

In the following courses the aim is to develop the power of oral and written expression, and to cultivate a taste for good literature. Special attention will be given to spelling, punctuation, grammar, and the habit of self-criticism—in a word, to the fundamentals of correct English.

**a, b. Rhetoric and Composition.**—Simple exercises in oral and written composition, and minor classics. Throughout the year, daily; one unit credit.

**c, d. Rhetoric and Composition.**—Oral and written composition and minor classics and sentence analysis. Throughout the year, daily; one unit credit.

**e, f. Technical Grammar, Composition, and English Classics.**—A course in analytical grammar will be given during the first semester, and a course in rhetoric during the second. In composition, emphasis will be given to themes suitable for publication in home papers and magazines. Throughout the year, daily; one unit credit.

**f-1. Business English and Correspondence.**—A course in technical grammar and business correspondence for third-year students of the department of Business Education. Second semester, daily; one-half unit credit.

**g. Literature.**—A study of the history and development of English literature from the Anglo-Saxon period to the present time. Required of all students of the academic department. Students who receive a grade not lower than B may get college credit for this course. Throughout the year, daily; one unit credit.

**h. Oral Expression.**—Training in thought getting from the printed page, and its adequate expression. Voice production, gesture, and other elements of dramatic expression. Throughout the year, T. Th.; one-half unit credit.

**i. Oral Expression.**—The instruction in this course will be an elaboration of the work in course h. Throughout the year, T. Th.; one-half unit credit.

**Library Economy.**—Arrangements have been made with the department of English for the Librarian to give the students a course in library economy, the purpose being to enable the students to become efficient in the use of the library. The following topics will be treated: The general make-up of a book; care of books; bibliography; the card catalogue and system of classification.



## COURSES IN HISTORY

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*W. E. Morgan.*

*Wm. J. Snow.*

**a, b.—Ancient and Medieval History.**—This course will cover the period from the earliest times to the beginning of the 18th century. It will be especially valuable to those who cannot get more than one unit of history in the high school; reaching over as it does into the modern period, it furnishes a good introduction to the problems of the present age. Course a will summarize the contributions to civilization made by the five ancient monarchies, the Hebrews, and the Phoenicians, and emphasize the distinctive and distinguished achievements of Greece and Rome and the influence they exerted on the history of the world. Course b, second semester, will deal with the chaotic state of affairs following the fall of Rome, the rise of monasticism and feudalism, the Holy Roman Empire and the papacy, the Renaissance and the Reformation, the period of religious wars, the dynastic wars following 1648, and the work of Louis XIV. Throughout the year, daily; one unit credit.

**c, d.**—This course will deal exclusively with the great movements of the 18th and 19th centuries and the problems of the 20th century. Throughout the year, M. T. W. Th.; one unit credit.

**e, f. American History and Civics.**—This course deals with the exploration and settlement of America; the conflict with France for supremacy; the Revolution; and the formation of the Constitution. The growth and development of the nation, and rise of political parties; the slavery controversy; the Civil War, and the readjustment of the nation since the war, are additional subjects that receive careful consideration. It is also the aim of the course to familiarize students with the organization

of the national and state governments, the relationship existing between them, to point out the actual operation and working of our governmental system, and to present in general outline some of the vital and fundamental problems confronting the American people. Throughout the year, M. T. W. Th.; Friday will be used at the pleasure of the instructor, for additional recitations and consultation; one unit credit.

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## COURSES IN SCIENCE

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*M. P. Henderson*

*Carl F. Eyring.*

*Fred Buss.*

*E. D. Partridge.*

*E. H. Smart.*

*Sherwin Maeser.*

*C. E. Maw.*

A student who desires to graduate from the academic department must take one of the courses **a1**, **a2**, or **a3**, and also two of the courses **b**, **c**, **d** and **e**.

**a-1. General Science.**—This course is intended as a general introduction to the field of science and will make the student familiar with the scientific method and the work of the laboratory. It is expected that a course of this nature will acquaint the student with the fields of the various sciences and assist him in a selection of the more specialized courses offered in the later years of the high school. The study of air, water and the earth will be made by the solution of such problems as these: Does air have weight? Can water be formed by the burning of oxygen and hydrogen? What is the nature of the yeast plant? What is the character of the local water supply? How are sails formed? What food materials are present in plants? What are the stages in the devel-

opment of frogs' eggs? Five recitations a week throughout the year; one unit credit. Laboratory fee \$1.00 each semester.

**a-2. Physiography.**—This course deals with the relations of man to the earth on which he dwells. Some of the topics treated are the forms of rivers, mountains, plains, glaciers, plateaus, valleys, etc., and their influence on man. The course also takes up an elementary study of climate and weather. In fact, Physiography is an excellent introduction to all the other sciences of the high school. Throughout the year, three recitations and two laboratory hours each week; one unit credit. Laboratory fee \$1.50 each semester.

**a-3. Elementary Agriculture.**—This course is designed to give an insight into the Science of Agriculture, and treats of the soil, the plant, and the animal, and their relationship to their environments and to each other. First semester, daily; one-half unit credit.

**b. Botany and Horticulture.**—The subject matter in this course will include the following: Seed dispersal and germination; the root and its relation to the soil; leaves and their functions; stems, their forms and functions. The plant and its environment. A study of the cell and reproduction in plants as illustrated by our local types. Propagation of plants. A field study of our spring flowers. Three recitations, one two-hour laboratory period per week throughout the year; one unit credit.

**c. Elementary Physics.**—(a) The physical environment of the pupil will be the subject matter of the course. In addition to the experiments necessary for a correct understanding of the laws and principles of this science, a steam engine, a gasoline engine, a force pump, a system of pulleys, and a derrick will be studied. The efficiency and cost of gas and electric heating and lighting will be investigated, and many other useful problems will be discussed. Prerequisite, Algebra a. Five two-hour periods, throughout the year; one unit credit. Laboratory fee \$1.50 each semester.

d. **General Chemistry.**—This course consists of three recitations and two hours laboratory work a week throughout the year; one unit credit. Laboratory fee \$3.00 each semester.

e. **Physiology, Hygiene and Sanitation.**—In this course the needs of the Normal student will be kept in mind, and abundant material will be furnished for those who are preparing to teach the subject. In addition to studying the life processes of digestion, circulation, respiration, co-ordination, etc., special attention will be paid to hygiene and sanitation and the underlying principles of individual and public health. Three recitations and one laboratory period throughout the year; one unit credit. Laboratory fee \$1.50 each semester.

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## COURSES IN PSYCHOLOGY

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*W. H. Boyle.*

a. **Elementary Study of Human Behavior.**—Open to third and fourth-year students. Throughout the year, T. Th.; one-half unit credit.

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## COURSES IN FOREIGN LANGUAGES

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*C. W. Whitaker.*

### LATIN

a. **Elementary.**—The reading and translation of simple sentences and paragraphs, illustrative of Latin inflection and syntax. The aim of this course is to furnish the student with a working knowledge of elementary Latin grammar, a liberal vocabulary and ability to understand Latin prose. Throughout the year, daily; one unit credit.



b. The reading and translating of anecdotes and parts of Caesar's "De Bello Gallico." In this course the constant application of the principles of grammar learned during the first year and the continuous strengthening of the vocabulary help to fix the Latin languages in the student's mind, and make it a permanent possession. Throughout the year, daily; one unit credit.

### FRENCH

1. **Elementary Course.**—Pronunciation, easy reading with practice in speaking and writing French, grammar. Newson's First French Book; Newson's Second French Book. Throughout the year, daily; ten hours credit.

2. **Intermediate Course.**—Reading of nineteenth century classics, conversation, composition and grammar. Commelin et Ritter, Petit Dictionnaire Francais; Crouzet, Berthet et Galliot, Grammaire Francaise. Throughout the year; ten hours credit.

3. **Advanced Course.**—Rapid reading of French newspapers, reviews, scientific articles, and classics of the last three centuries; composition and conversation. Throughout the year; ten hours credit.

4. **Outline of French Literature.**—Study of Herriot, Histoire de la Litterature Francaise; reading of classics. Throughout the year, daily; ten hours credit.

### GERMAN

a. **Elementary.**—Pronunciation, easy readings, with practice in speaking and writing German; grammar. Throughout the year, daily one unit credit

b. **Elementary.**—Continuation of course a. Reading of easy classics, grammar and conversation. Throughout the year, daily; one unit credit.

## COURSES IN MATHEMATICS

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*Sherwin Maeser.*

*Delbert Webb.*

*E. D. Partridge.*

**a. Elementary Algebra.**—This course is designed for beginners, and efficiency in arithmetic will not only be maintained, but increased. In many of its phases, algebra is only general arithmetic, and it is a great mistake to suppose that arithmetic is finished when algebra is begun. The central topic of the course is the development of the equation and its application to the solution of problems often treated in arithmetic and to many problems of physics and other sciences. Therefore, a foundation is laid for the elementary sciences and the following courses in mathematics. Throughout the year, daily; one unit credit.

**b. Plane Geometry.**—This course follows Elementary Algebra. It gives splendid opportunity for exact reasoning and for real induction applied to very simple data. It becomes useful in its correlation with drafting, woodwork and the physical sciences. Field measurements, construction of buildings, etc., are made easier with a definite knowledge of this subject. Throughout the year, daily; one unit credit.

**c. Advanced Algebra.**—This course contains a review of all the topics treated in the Elementary course. It aims to give the pupil a firm grasp of principles used in factoring, solving quadratic equations, algebraic fractions, exponents and radicals, and progressions. Also a working knowledge of logarithms and a knowledge of the use of the binomial theorem. Throughout the first semester, daily; one-half unit credit.

**d. Solid Geometry.**—As this course follows mathematics (b) and (c) it affords a splendid opportunity for the pupil to use the facts obtained there in deducing for-

mulae for finding the areas and volumes of prisms, cylinders, pyramids, cones, prismatoids, and spheres. Second semester, daily; one-half unit credit.

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## COURSES IN PHYSICAL EDUCATION

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*E. L. Roberts.*  
*Armored Dixon.*  
*Delbert Webb.*

A thorough physical examination and measurements are offered each student every year, and a record of results is kept as a basis of advice as to exercise and regimen. All students requiring special care are assigned exercises according to their individual needs. In addition to two gymnasiums, one for men and one for women, the University has an athletic field which is one of the largest and best situated in the West. It lies upon Temple Hill overlooking the valley and lake, and receives directly invigorating breezes from the nearby canyons. The grounds contain thirty acres, including a quarter mile track, baseball and association football grounds, and tennis courts. Each member of the University is encouraged to engage in some form of out-of-door sports or games, and special training will be given to those who desire to fit themselves for field and track events.

A special fee of \$1.00 is charged all students taking physical training.

a. (For men.) Elementary exercises with light and heavy apparatus. Marching tactics, games, relays, gymnastic dancing, and Swedish gymnastics. Throughout the year, M. W. F.; one-fourth unit credit.

a. (For women.) Elementary Swedish gymnastics, aesthetic dancing, talks on personal hygiene, etc. Throughout the year, M. W. F.; one-fourth unit credit.

b. (For men.) Advanced German, American, Swedish gymnastics, dancing, and general gymnasium work. Throughout the year, T. Th., at 4:15; one-fourth unit credit.

b. (For women.) Advanced German, American, Swedish and aesthetic dancing. Fancy steps, marching, games, plays for boys and girls. Throughout the year, M. W. F.; one-fourth unit credit.

c. (For men and women together.) Social, folk, and aesthetic dancing. Fancy steps, marching, games, plays for boys and girls, social dancing and its direction. Throughout the year on Wednesday, at 5:15 p. m.

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## MISSIONARY COURSE

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*President Brimhall.*

*A. C. Lund*

*W. H. Boyle.*

*J. G. McQuarrie.*

A course for the preparation of missionaries will be given under the direction and supervision of the general missionary committee of the Church. Each student will be duly called by the general authorities of the Church, and will take the regular theology and one extra hour in theology each day; and he will also pursue such other studies as are deemed necessary to make him a fair representative of the Latter-day Saints.

The only entrance requirement of this course is the proper credentials from the authorities of the Church calling the person to this educational mission. The course in a general way will consist of theology, drill in reading and speaking, history, language, correspondence, and conduction of meetings.

Tuition for the missionary course will be free for the general course. Students who desire may take any line of work in the institution for which they have spe-



cial aptitude and the time. They will, however, pay for courses elected outside of the missionary course.

## RELIGION CLASS WORK

In order to extend the privilege of regular courses in theology to students attending local high schools, the University has arranged to give courses under the head of religion class work for which high school credit will be given.

The following teachers outside of the University faculty are authorized to give these courses:

Adolph Merz, Mt. Pleasant, Utah.  
E. S. Romney, Bunkerville, Nevada.  
Charles Schwencke, Roosevelt, Utah.  
Daniel H. Robison, Manti, Utah.  
William E. Bitter, Sugar City, Idaho.  
J. Walter Low, Cardston, Canada.  
Jack Major, Afton, Wyoming.  
Joseph F. Anderson, Fillmore, Utah.  
L. J. Muir, Bountiful, Utah.  
M. C. Barlow, Woods Cross, Utah.  
Mrs. Laura McCurdy, Panguitch, Utah.  
Joseph A. Rees, Santaquin, Utah.

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## DEPARTMENT OF BUSINESS EDUCATION

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### ENTRANCE REQUIREMENTS

Students may enter at any time, though it is better to commence at the beginning of a semester. Applicants are admitted on giving evidence that they have finished one year's work in the high school, or by giving evidence of ability to pursue successfully the work of the department.

## GRADUATION

Sixteen units of credit are necessary to be graduated from this department. Three units in English will be required of all students. Those specializing in Bookkeeping will be required to furnish three units in Bookkeeping and Commercial Arithmetic, and one-half unit in Economics; and those specializing in Shorthand will be required to furnish two and one-half units in Shorthand and Typewriting.

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## COURSES

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### BOOKKEEPING

*Herald Clark.*

*Thatcher C. Jones*

The student with no previous training is set to work in the elementary department, where he is given a thorough drill in making book entries for business transactions. He here gains a general knowledge of business forms and usages. After the beginning work in the Theory department, the student is given individual work, and comes in direct contact with his teacher, which enables him to comprehend the subject thoroughly, and to be skillful in its application.

**a. Science of Accounts.**—This study takes up commercial forms and business principles. The work is largely, practical, i. e., making out of business papers, opening, posting, closing books, etc. First or second semester, two hours daily; one-half unit credit.

**b. Continuation of a.**—Each section of the course is carefully graded, the work becoming more difficult as the students advance. The Grocery, Commission and Dry Goods divisions illustrate the various systems now

used by these lines of business. First or second semester, two hours daily; one-half unit credit.

**c. Advanced Bookkeeping.—1. Manufacturing.**—Here a comprehensive system of corporation bookkeeping is introduced in which all phases of voucher accounting is illustrated. **2. Business Practice.**—A short set covering three weeks' work, in which accuracy and neatness are given special emphasis. In the event of a failure to meet the requirements, the work must be repeated. Two hours, throughout the year; one-half unit credit.

**d. Cost Accounting.—1.** The fundamentals of cost accounting and cost figuring as applied to manufacturing are treated. **2. Banking.**—Actual banking practice. Two hours, throughout the year; one-half unit credit.

Note.—The time required in actual banking practice will be determined by the teacher and will largely depend upon the aptitude of the student.

## COMMERCIAL ARITHMETIC

*John E. Hayes.*

**a. Commercial Arithmetic.**—Special attention is given to the application of percentage, and practice in rapid calculation. First semester, daily; one-half unit credit.

**b. Continuation of a.**—Special attention is given to interest, true discounts, commercial paper, partial payments, stocks and bonds, averaging accounts, and partnership accounts. Second semester, daily; one-half unit credit.

**c. Continuation of b.**—Special emphasis on rapid calculation. First semester, daily; one-half unit credit.

## LAW

*Joseph B. Keeler.*

**a. Commercial Law.**—This study embraces the sub-

jects of contracts, agency, partnerships, corporations, guaranty, sale of goods, commercial paper, real estate, etc. Throughout the year, M. W.; one-half unit credit.

b. **Parliamentary Law.**—Rules governing the proceedings of legislative bodies, societies, and public gatherings. Throughout the year, F.; one-fourth unit credit.

### CIVICS

*Joseph B. Keeler.*

a. **Civil Government.**—The making of American government, the state government, and the national government. Throughout the year, T. Th.; one-half unit credit.

### ECONOMICS

*J. C. Swenson.*

a. **General Principles of Economics.**—First semester, daily; three-fourths unit credit.

### BUSINESS ENGLISH AND CORRESPONDENCE

*E. H. Holt.*

f-1. A course in technical grammar and language. Also a course in the forms and composition of good business letters, in systems of filing, and in the modern devices for handling correspondence quickly and effectively. Second semester, daily; one-half unit credit.

### SHORTHAND

*E. H. Holt.*

*Bessie Iverson.*

a. **Shorthand Principles.**—A careful study of the principles of shorthand as contained in the *Phonographic Amanuensis*, by Jerome B. Howard. Throughout the year, daily; one unit credit.



**b. Dictation.**—Writing from dictation, and making transcriptions upon the typewriter. Speed dictation from the dictograph. The ability to do neat, accurate and rapid work is required. Throughout the year, daily; one unit credit.

## TYPEWRITING

*Bessie Iverson.*  
*Myrtle Hone.*  
*Olga Wunderly.*

**a. Elementary.**—Learning of the keyboard by touch and the care and use of the different parts of the machine. Practice exercises, consisting of words, sentences, business letters and commercial forms. Throughout the year, daily; one-half unit credit.

**b. Advanced.**—Dictation, writing of invoices, legal documents financial statements, card files and rough-draft manuscripts. The department is equipped with the latest model Edison dictating machine, rotary mimeograph, and a Globe-Wernicke upright filing system. The students get at least four months actual office experience. Throughout the year, daily; one-half unit credit.

## PENMANSHIP

**a. Special attention** is given to form, position and movement. Zaner's and Palmer's methods are followed. Throughout the year, daily; one-half unit credit.

**Note.**—Students of the department of Business Education may elect studies from any other department of the high school without extra expense, except laboratory fees.

## DEPARTMENT OF MUSIC

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The department of music gives theoretical and practical instruction in branches indispensable to the educated musician. By a participation of many in the same studies, a true musical feeling is awakened, giving an advantage over private instruction, promoting industry, and preventing one-sidedness against which every singer and player during years of training should be on his guard. By miscellaneous programs, concerts, recitals, daily choir, chorus, and band drill, pupils are afforded opportunity to become accustomed to public performance, and are thereby better able to satisfy the demand which the public makes. Courses extend over four years. Each pupil applying for admission will be given an examination by which it will be ascertained whether he possesses talent requisite for enrollment, and if so, to which grade he should be assigned. Pupils exhibiting sufficient preliminary knowledge can at once be placed in upper classes. When foundation work has been slighted, such pupils may, however, be required to attend lower classes to make up the deficiency.

### GRADUATION

A diploma will be given where the student has sixteen units of credit, provided those credits shall include the following:

English -----	3 units
History, Science, Mathematics -----	3 “
Modern Languages -----	1 “
Instrumental or Vocal Music -----	3 “
Solfeggio -----	1½ “
Harmony and Composition -----	1 “

### CONCERTS AND RECITALS

The Committee on Lectures and Musicals bring from far and near the best obtainable talent. Noted singers

and players and even great symphony orchestras have filled successful engagements here. The large number of students make admission fees within easy reach of all. Recitals are held weekly, in which the teachers and advanced students take part. A varied musical atmosphere is provided which has proved itself a source of culture and inspiration to all.

Entrance tuition does not entitle students to private lessons. These must be arranged for with the individual teachers. It is the policy of the department to bring beginning students frequently before the teacher—preferably by two students at a time. The divided period will count as half a lesson only.

Private students in the graduating year are advised to take two lessons per week.

Teachers are not allowed to assign time for lessons until financial arrangements have been made with the registrar.

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## COURSES IN VOCAL MUSIC

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*A. C. Lund.*

*C. R. Johnson.*

Class instruction includes Harmony, Composition, Solfeggio and Music History.

The singing classes of the University have attained an enviable reputation throughout the intermountain region. Over two hundred students begin the training of their voices in this department every year.

**a and b. Reading, Voice-Building and Part-Singing.**  
—Four hours, throughout the year; one-half unit credit.

**c and d. Style Anthems and Expression.**—Criticism, easy chorus. Four hours, throughout the year; one-half unit credit.

**e. Difficult Quartette and Chorus.**—Four hours, throughout the year; one-half unit credit.

**PRIVATE VOCAL**

Correct voice placement, resonance, tone production and song interpretation illustrated and taught. Opportunity for advanced singers to appear in recital are given.

**PIANO MUSIC**

*A. C. Lund.*

*C. R. Johnson.*

*Grace F. Tout*

- a. Major scales. Kohler's First Little Pieces.
- b. Major scales. Kuhner's First Book of Etudes.
- c. Velocity studies, Czerny. Germer Technic.

Kuhner's Fourth Book of Instruction.

d. Op. 299, Czerny. Cramer Studies. Germer Technic. Two-part Inventions, Bach.

e. Scales in Thirds. Scales in Sixths. Appregios. Kuhner's First Book of Instructive Pieces.

f. Scales Double Thirds; Double Sixths. Kuhner's Second and Third Book of Etudes.

g. Fertegkeit-Czerny. Germer Technic. Kuhner's Fourth Book of Instruction.

h. Sonatas. Beethoven. Lighter Pieces from Chopin, Grieg, Schumann, Mendelssohn, etc. Appropriate selections from standard authors will be given.



i. Advanced technic work; Bach's Preludes and Fugues. Sonatas and pieces from standard composers, and some of the lighter ensemble and playing.

j. Preludes and Fugues and Concerts.

(Courses e and f may be taken twice, but one-fourth unit credit only will be given the second time for each course.)

### PRIVATE VIOLIN

*M. S. Gudmundson.*

a. **Correct Position of Violin and Bow.**—Hohmann's Book 1 and 2. Blumenstengel scales in first position.

b. **Continuation of Hohmann's Studies** in Book 3 and second and third positions of Book 4. Scales and appregios in three positions.

c. **Completion of Hohmann's Book 4**, covering fourth, fifth, sixth and seventh positions. Begin the scales, appregios, and studies for promoting dexterity by Schradieck, Book 1.

d. **Hohmann's Book 5**, with exercises and duets covering all positions. Continuation of Schradieck's Book 1. Begin Blumenstengel's twenty-four Etudes.

e. **Continuation of Schradieck's Book 1**, and Blumenstengel's twenty-four Etudes. Begin Schradieck's Book 2 for double-stops.

f. **Begin Kreutzer's Forty-two Caprices.**—Schradieck's Book 3, for modes of bowing. Continuation of scales.

g. **Continue Kreutzer's Forty-two Caprices.**—Begin concertos and concert pieces by the masters.

h. **Finish Kreutezer's Concertos and Concert Pieces.**

i. **Sight-reading.**—This course is for violin students who meet in classes of four twice a week. Students of these instruments are often lacking in sight-playing ability, and this course is offered to overcome that deficiency. This is a special course, and a special fee of \$7.00 is charged.

Credit in the above courses will be given by the teacher at the close of each semester. The number of hours will be determined by the amount of time devoted by the pupil and the degree of efficiency attained.

## ORCHESTRAL MUSIC

*M. S. Gudmundson*

a. **Foundation Work.**—Students entering this work must be able to play their instruments, so that no time will be taken from the class for fundamental instructions in playing, which should already have been learned in private lessons. Material used: Easy arrangement of overtures, operatic selections, dances, and miscellaneous music. Throughout the year, daily; one-half unit credit.

b. **Concert Orchestra.**—This organization takes part in the concerts and various entertainments where the extent of the school orchestra work can be judged. Thirty members constitute the present membership. Students who have had experience sufficient to take this work may do so, provided the instrumentation of the orchestra will be correct. Throughout the year, daily; one-half unit credit.

c. **Orchestration.**—T. Th., throughout the year; one-half unit credit (Special fee of \$7.00 a semester).

**MANDOLIN AND GUITAR**

*E. D. Partridge.*

Opportunity will be given students to take lessons on the mandolin and guitar. Clubs will be organized where a sufficient number of advanced students apply. Clubs meet two times a week throughout the year;  $\frac{1}{2}$  unit credit (Special fee of \$5.00 a semester).

**BAND MUSIC**

*Robert Sauer.*

a. Requirements for entrance is ability to handle the instrument to the extent that no individual attention need be given the student. Review of the fundamentals of music, pitch, staff, clefs, time, signature, etc; also easy selections will be practised. Throughout the year, M. W. F.; one-half unit credit.

b. Open for those who have completed course a and are qualified to take up this work. Some of the features of this organization are playing at the student body meetings, games and other school activities. The student has a splendid opportunity for acquainting himself with a high grade of classic band music. Throughout the year, daily; one-half unit credit.

c. Class in arranging music for band. Throughout the year; one-half unit credit (Special fee of \$7.00 a semester).

**CORNET**

*Robert Sauer.*

Method of concert playing, tone production, articulation, correct method of breathing, slurring and legato,

single and artificial fingerings, rudiments of music, all forms of tongueing, playing high and low notes without effort, all kinds of grace notes and embellishments, the art of phrasing and expression. One lesson a week throughout the year, one-half unit credit; for two lessons a week throughout the year, one unit credit.

Material used: First book of Shuebruk, International method and the most difficult parts of Arban's exercises.

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## THEORETICAL COURSES

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### SOLFEGGIO

*C. R. Johnson.*

This course provides the music students with a good systematic drill in ear-training, sight-singing, and the fundamental principles of music. Students are taught to know the music sounds by looking at the printed page, also to write a melody after hearing it played.

a. Drill in reading notes in rhythm and by interval name. Signatures of major and minor keys. Drill in determining the signatures and harmonic structure. Ear-training through hearing and singing common, diminished, augmented triads. Writing by dictation. Text book, "Melodia." Throughout the year, T. Th.; one-half unit credit.

### THEORY OF MUSIC

*A. C. Lund.*

Through this course the student becomes acquainted with the architectural side of music; learns that musical ideas do not follow each other in a haphazard way, but that they always conform to some well-defined plan.



**a. Composition.**—A study of the physical laws of music, which enables students to comprehend the principle on which each instrument is constructed, and to account for the different qualities and character of music sounds. The tempered scale, pitch and its perception. Laws governing rhythms, tempo marks, accents, natural and artificial grouping, metronome marks, embellishments, etc. Meter—All the different meters taken up in their relation to hymnology. Figure treatment, leitmotif, all the simple, song-forms studied and analyzed; sonata forms, vocal forms, contrapuntal forms, canon, ending with an analysis of the fugue. Second semester, T. Th.; one-fourth unit credit.

## HARMONY

*A. C. Lund.*

This teaches the student to think in combination of sounds, or chords, also studies the laws governing the succession of these chords.

**a. Short Review of Rudiments of Music,** scales and intervals. Principal triads and their inversions, cadences. The dominant seventh chord modulation. Throughout the year, T. Th.; one-half unit credit.

**b. Modulation Continued.** — Secondary seventh chords, chromatic passing tones, mixed chords, altered chords, enharmonic changes, suspensions, appoggiatura, organ point, harmonizing florid melodies, figured chorals, analysis. Throughout the year, T. Th.; one-half unit credit.

## MUSIC HISTORY

*A. C. Lund.*

**a.** This course is essential to music students. Study of the beginnings of music. The origin of the earliest in-

struments, early music of the Chinese, Egyptians, Hebrews, Greeks, and Romans. The beginning of opera, development of music by the classic and romantic composers, ending with a discussion of the musical influence of the present. One hour throughout the year; one-fourth unit credit.

### NORMAL MUSIC TRAINING

*C. R. Johnson.*

This course is to aid the grade teachers in their work. Open to Normal students only.

**a. Rudiments.**—Tonal tendencies, major and minor

intervals, pitches, triads, signatures, dynamics, rhythms, note reading and simple melody writing. Note reading, sight singing; discussion of problems involved in proper treatment and training of child voices; chorus practice and individual practice; singing of songs suitable for primary grades. A consideration of methods, etc. Throughout the year, T. Th.; one-half unit credit.

### PUBLIC SCHOOL MUSIC

*C. R. Johnson.*

**a.** To prepare music students to become supervisors and teachers in the grades and high schools. A technical knowledge of music and the ability to sing or play required.

The course will deal entirely with theory and methods of teaching, art of conducting, care of child voice, fundamentals in music, institute work, educational value of music, practical demonstrations and teaching in training school. Throughout the year, T. Th.; one-half unit credit. Fifteen dollars extra tuition charged.

## **DEPARTMENT OF ARTS AND MANUAL TRAINING**

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The purpose of this department is the development of thought-power, feeling and skill. An incidental aim is to cultivate self-control, and to establish an appreciation for beautiful and skilled expression in the constructive and fine arts—to educate the user to appreciate more fully the art of the maker through participation. Appropriate lines of work have the vocational ultimate.

### **ENTRANCE REQUIREMENTS**

Applicants for admission to this department will be required to furnish a certificate of graduation from the eighth grade or give other evidence of ability to do the work.

### **GRADUATION**

This department offers diplomas in the following lines: (1) General Art with Drawing or Design emphasized; (2) General Manual Training with Woodwork, Ironwork, or Drafting emphasized; (3) General Household Economics, with Domestic Science, Domestic Art or Dressmaking emphasized.

Sixteen units of credit are required for graduation, and must include: English, three units; Science, two units; Mathematics, or History and Civics, one unit; Design, one-half unit; Manual Training (Drafting, Woodwork, Ironwork, Domestic Science, Domestic Art, or Dressmaking), or Art (Drawing, Design, Studio work), three and one-half units.

## COURSES IN ELEMENTARY ART

*Elbert H. Eastmond.*

*B. F. Larsen.*

*Edgar M. Jensen*

a. (Art a.) **Elementary Representation, Form and Color Study.**—Emphasis placed upon mass drawing in dark and light in color. Objective expression in clay. Landscape representation. Charcoal tone study introduced. Illustrative drawing. Application of mass form to decorative unity study and application of geometric motives. Simple problems in design. Lettering introduced. Suggestive problems: Decorative Folios, Booklets (Correlated), Calendars, Book covers, etc. Landscape Study, Pictorial and Decorative. Three hours a week; one-half unit credit. Course correlated generally with Natural Science and Literature. Laboratory fee 50 cents each semester.

b. (Art b.) **Elementary Representation. Form and Color Study.**—Continuation of Art a. Object representation in dark and light; and light, shade, and shadow. Emphasis upon representation of values in dark and light and in color. Water color work emphasized. Animal drawing. Simple objective relief-work in clay. Application and study of perspective. Decorative design study continued. Study of lettering continued. Landscape work continued. Three hours a week; one-half unit credit. Art a required. Laboratory fee 50 cents each semester.

c. **Form Study and Expression.**—Continuation of b. Elementary still life representation in charcoal tone. Pictorial composition from an objective standpoint. Animal drawing and sketching from nature. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents each semester.

d. **Form Study and Expression.**—Continuation of c. Elementary objective clay modeling continued. Animal



and pose drawing. Representation in color emphasized. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents each semester.

Note.—Drawing b, c, and d may be given as Studio work.

## DESIGN

*E. H. Eastmond.*

*Aretta Young.*

*B. F. Larsen.*

**a. (Art b-1.) Study of Application.**—Correlated with Drawing and Mechanic Arts. Domestic Art and Domestic Science. Review of motive color study. Study and application of the principles of rhythm, balance harmony, etc. Concentration of color and line in ornament. Applied Design emphasized. Block Printing, Stenciling, Leather Work, Carving, Etching, Applied Clay Work, etc. (At least one line of applied design will be taken up.) Required Drawing a or equivalent. Courses in natural science recommended to parallel this course. First of second semester, M. W. F.; one-half unit credit. Laboratory fee \$1.00 each semester.

Note.—Design a is subject to subdivision into sections to suit correlative arrangement. See Domestic Science, Domestic Art, Drafting and woodwork courses.

## DRAFTING

**a. Mechanical Drawing.**—Use and care of instruments, mounting of paper, lettering, geometric figure drawing, projection, intersection of solids and development of surfaces. Drawing a recommended as a parallel course. Throughout the year, M. T. W. Th. F.; one-half unit credit. Laboratory fee 50 cents.

**b. Architectural Drawing.**—Furniture construction, drawing, instrumental perspective. Required Drawing a. Design a recommended as a parallel course. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents.

**b-1. Machine Drawing.**—This course embraces the drawing of elementary parts of machines. Plan and elevation drawing; methods of representing sections concluded with working drawings for the pattern shop. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents.

**c. Architectural Drawing.**—Continuation of b. House plans. Details work. Design a required. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents.

## WOODWORK

*John G. McQuarrie.*  
*B. T. Higgs.*

**a. Elementary Construction.**—Study of wood formation. Study of lumbering. Care and adjustment of tools and equipment. Correlated construction emphasized. Finishing introduced. Working drawing introduced. Tool sharpening introduced. Drafting b recommended as a parallel course. Four two-hour recitations and two hours' preparation each week. Throughout the year; one unit credit. Laboratory fee \$3.50 each semester.

**b. Elementary Construction.**—Continuation of a. Review of care and adjustment of tools and equipment. Correlation of Drafting. Construction exercises adapted to environment needs. Sharpening of tools. Elements of finishing. Applied mathematics. Drafting a required. Design a recommended as a parallel course. Four two-hour recitations and two hours' preparation each week, throughout the year; one unit credit. Laboratory fee \$3.50 each semester.

c. **Elementary.**—Continuation of b. Selection and adaptability of woods. Study of the industry of lumbering. Correlated construction based upon original design. Design a required. Drafting c recommended as a parallel course. Throughout the year, daily; three-fourths unit credit. Laboratory fee \$3.50 each semester.

d. **Elementary.**—General joinery and furniture construction. Simple sash work introduced. Creative design emphasized. Combination work of wood and related materials. Throughout the year, daily; three-fourths unit credit. Laboratory fee \$3.50 each semester.

## IRON WORK

*Hans Anderson.*

a. **Elementary.**—Explanation of tools and materials. Squaring, welding, twisting. Elementary principles of blacksmithing. Drafting correlated. Four two-hour recitations and two hours' preparation each week. Throughout the year; one unit credit. Laboratory fee \$5.00 each semester.

b. **Forging.**—The making of tools, such as wrenches, picks, hammers, etc. Work in steel; steel and iron welds, springs, tire setting, and scroll work. Throughout the year. Four two-hour recitations, and two hours' preparation each week; one unit credit. Drafting correlated. Laboratory fee \$.500 each semester.

## DOMESTIC ART

*Fernanda Eyring.*

a. **Hand and Machine Sewing.**—Fundamental elements of sewing. Application of various stitches in making articles. Darning and mending. Study and care of the sewing machine. Scientific development of patterns. Study of materials, making of articles of fine lingerie.

Drawing a recommended as a parallel course. Throughout the year, daily; one-half unit credit. Laboratory fee 75 cents each semester.

**b. Art Needle Work.**—Teneriffe lace. Wool crocheting, first semester; Hardanger embroidery, second semester. Drawing a required; Design a recommended. Throughout the year, M. T. W. Th.; one-half unit credit. Laboratory fee 50 cents each semester.

**c. Art Needle Work.**—Crocheting, Roman cut work, Hedebo, Cross-stitching work, Colored embroidery. Design a required. Four recitations (two recitations in Design); three fourths unit credit. Laboratory fee 50 cents each semester.

## NEEDLECRAFT

Assignments and instruction will be given by the teacher, special attention being given to individual needs. Tatting, crocheting, with novelty braids, and other needle work that does not need original design. Prerequisite Domestic Art. Two recitations each week; one-half unit credit. Laboratory fee 50 cents each semester.

## DRESSMAKING

*Vilate Elliott.*

**a. Model Construction.**—Used in shirt-waist making. Study of textiles. Plain shirt-waists, dressing sacques, kimono, drop-skirts, and plain outside skirts; one other article required. Domestic Art a required. Throughout the year, M. T. W.; three-fourths unit credit. Laboratory fee \$1.50 each semester.

**b. Model Drafting.**—Models in faggoting stitches. Trimming with lace, shaping of yokes, making of fine white waists, infants' lace hoods. Lessons in outline of



dress forms. Study of textiles continued. House dresses, summer lawn dresses, children's dresses. Design a required. Throughout the year, three times a week; three-fourths unit credit. Laboratory fee \$1.50 each semester.

### DOMESTIC SCIENCE

*Lottie Harris.*

*Fernanda Eyring.*

**a. Preparation of Foods for Winter.**—Bacteria in relation to the domestic industries. Food manufacture. Study of food principles and their functions in the body. Simple preparation of jellies, vegetables, meats, breads and desserts. Two two-hour laboratory periods and two lecture periods a week throughout the year; one unit credit. Laboratory fee \$2.50 each semester.

**b. Household Chemistry.**—(See Science d.)

**c. Advanced Cooking and Serving.**—Detailed study of goods, their food value and cost. Kinds and amounts of food for different ages and occupations. Planning of meals and serving. Canning of fruits and vegetables. Advanced cooking. Two two-hour laboratory periods and two lecture periods a week, throughout the year; one unit credit. Laboratory fee \$2.50 each semester. Students advised to parallel with Science e (Physiology, Hygiene and Sanitation).

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### DEPARTMENT OF AGRICULTURE

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The work that is offered in this department is arranged under five divisions, namely: General Agriculture, Agronomy, Animal Husbandry, Horticulture and Agricultural Engineering. Enough work is offered in these divisions to provide the students a requisite number of courses of sufficient duration to allow the election of

the major part of his study for four or five years within the department. The great majority of the courses, while offered in the high school, are equivalent to those offered by Agricultural colleges and schools generally.

Because of the good laboratory equipment, greenhouse facilities, orchard and demonstration plants, ample provisions are made for the demonstration and illustration of the many principles studied in the various courses.

Through the liberality of the Consolidated Wagon & Machine Company, the Vermont Farm Machine Company, the De Laval Separator Company and others, an up-to-date farm mechanics laboratory has been equipped with the latest improved harvesting, soil-working, and dairy machinery. This enables the department to offer a course in Farm Mechanics.

### ADMISSION

Students are admitted to the Agricultural department on certificate of graduation from the eighth grade, or by giving other evidence of ability to do the work.

### GRADUATION

Four units in Agriculture and two units in science in addition to the other requirements of the Academic department are necessary for graduation.

### GENERAL AGRICULTURE

*A. N. Merrill.*  
*E. H. Smart.*  
*E. D. Partridge.*  
*Herald Clark*

a. **Elementary Agriculture.**—This course is designed to give an insight into the science of Agriculture, and treats of the soil, the plant, and the animal, and their re-

lationship to their environments and to each other. First semester, daily; one-half unit credit.

**b. Farm Accounting.**—The methods of accounting as here offered have been tried, approved and adopted by many successful farmers. Second semester, daily; one-half unit credit.

**c. Farm Management.**—This course is a study of the business principles in farming. It treats such topics as types of farming, diversified and specialized farming, intensive and extensive farming, maintained fertility and the live stock problem, size of farms, equipment, labor, marketing of crops, etc. First semester, M. W. F.; one-half unit credit.

**Lecture Course.**—Beginning with the winter semester, a series of lectures will be given on agricultural subjects by teachers in the school, and by men who are leaders in the various fields of agricultural activities. These lectures will cover a wide range of subjects, and will be of much interest and of great value, not only to the students of agriculture, but to all the students of the University. The lectures will be given at such a time as not to conflict with the class work in other departments.

## AGRONOMY

*A. N. Merrill.*

**a. Soil Physics.**—This course is a detailed study of soils and soil types. It treats of the soil in its relation to crop production. The laboratory work will consist of field trips, soil judging, etc. Daily, throughout the year; three-fourths unit credit.

**b. Field Crops.**—This course is a study of the methods of improvement, classification and market requirements of farm crops, also grain judging. Daily, second semester; one-half unit credit. Laboratory fee 50 cents.

(See College division of this catalogue for advanced work in Agronomy.)

## HORTICULTURE

*E. H. Smart.*

**a. Horticulture.** This is a general course, including a study of structure, habits, and growth of cultivated plants and their modification by climate, soil and other relations; propagation of plants by seeds, cuttings, grafting and budding. Second semester, daily; one-half unit credit.

**b. Orchard Management.**—This course deals with the theory and practice of fruit-growing. Such topics are considered as the selection of the orchard site with reference to exposure, soil, market, and climatic conditions; selection of varieties for home and market uses; the nursery stock; laying out and planting the orchard; care and management; picking and marketing fruit. Throughout the year, T. Th.; one-half unit credit.

**c. Economic Entomology.**—This course is a study of the life history and methods of combating destructive insects. Throughout the year, M. W. F.; one-half unit credit. Laboratory fee 50 cents.

**c-1. Bee culture.**—A course in bee culture covering a period of five weeks is included in the course in economic entomology. Students desiring work in this line will elect entomology, or may enter for five weeks only.

## ANIMAL HUSBANDRY

*A. N. Merrill.*

**a. Management of Farm Animals.**—This course is a study of the management of farm animals under various conditions. It is designed especially for beginning



students and should be taken up as an introductory course in this department. Throughout the year, M. W. F.; three-fourths unit credit.

**b. Market Classes and Grades.**—This course is a study of the market classes and grades of horses, cattle, sheep and swine. The prevailing condition of the large market, transportation to the market, etc., will be the subject matter of the course. Second semester, T. Th.; one-fourth unit credit.

**c. Study of Breeds.**—This course consists of the study of the history and development of each breed of beef-cattle, sheep, horses and swine; the breed characteristics, their original home, and the adaptability of each breed to our western conditions. Some time is given to the study of pedigree. The laboratory work consists of the comparative judging of groups of animals, also score card practice, according to the official standard of each breed. First semester, daily; one-half hour credit.

**d. Veterinary Science.**—In this course the common ailments and diseases of farm animals are discussed. Contagious diseases are taken up in detail with special reference to their cause and prevention. Sanitary Science is a prominent feature in this course. The student is made familiar with the methods of examination for soundness, both in class room and in actual demonstration. Throughout the year, T. Th.; one-half unit credit. Laboratory fee 50 cents. (Not given in 1916-17.)

**e. Animal Nutrition.**—This course deals with the general principles which underlie the proper methods of feeding and management of all classes of live stock. The common foods given to stock will be studied, as to their composition and nutritive value, and how both are affected by maturity and curing. Calculating rations for the various classes of farm animals under various conditions. First semester, daily; one-half unit credit.

**AGRICULTURAL ENGINEERING**

*E. D. Partridge.*

**a. Agricultural Mechanics.**—This course deals with the principles of construction and care of agricultural machinery. Practice work in the agricultural mechanics laboratory will be emphasized. Daily, first semester; one-half unit credit.

**b. Irrigation and Drainage.**—This course is a consideration of acquisition of irrigation water, construction of ditches, distribution of water, measurements of water and drainage. Second semester, daily; one-half unit credit.

# Candidates for Graduation 1915-16

## BACHELOR OF ARTS DEGREE

Anderson, Archibald Henry	-----	Mona
Anderson, Andrew Martin	-----	Brigham City
Atkin, Henry Randolph	-----	St. George
Aydelotte, John Thirl	-----	American Fork
Brockbank, Joseph Archibald	-----	Spanish Fork
Biddulph, Samuel	-----	Provo
Chipman, Pearl Romney	-----	American Fork
Cluff, Charles Elmo	-----	Provo
Cottam, Walter Pace	-----	St. George
Creer, John Preston	-----	Spanish Fork
Curtis, Nathaniel	-----	Thatcher, Ariz.
Daw, Albert W.	-----	Provo
Dye, Joseph Alma	-----	Basalt, Idaho
Eggertsen, Luther Echart	-----	Provo
Gardner, John Ralph	-----	Salem
Hafen, Guy	-----	Santa Clara
Hafen, LeRoy	-----	Bunkerville, Nevada
Hales, Hial Milton	-----	Spanish Fork
Hales, Wayne	-----	Provo
Hardy, LeGrande H.	-----	Provo
Hinckley, Robert Henry	-----	Provo
Hubbard, John Clark	-----	Willard
Jensen, Edgar Malendo	-----	Ephraim
Jensen, Christian	-----	Ogden
Jones, Hyrum Pidding	-----	Enoch
Larsen, Lottie	-----	Monroe
Monson, Horace Edward	-----	Pleasant Grove
Mortenson, Martin, Jr.	-----	Thatcher, Ariz.
Nelson, Lars Raymond	-----	Provo

Nicholes, Joseph Kelly	American Fork
Nielson, Niels K.	Springville
Pace, Henry Alexander	Price
Peterson, Andrew Christian	Thatcher, Ariz.
Peterson, Hugh Wickman	Ephraim
Rasmussen, Daniel	Mt. Pleasant
Roberts, Eugene L.	Provo
Russell, George Oscar	Canyos, Colorado
Reid, Edgar Thomas	Manti
Savage, Nelson Henry	St. George
Smith, Lois	Provo
Snow, Carl Nelson	St. George
Stephens, Fayette E.	Rexburg, Idaho
Storrs, Joseph Bertrand	American Fork
Tew, William Thomas, Jr.	Mapleton
Thomson, Nels Kimball	Ephraim
Walker, Dilworth	Rexburg, Idaho
Weight, Jesse Johnson	Springville
Wilkins, Joseph Ralph	Spanish Fork
Winn, Frank	Nephi
Winn, Herman	Nephi
Woodbury, Matilda	St. George
Woodbury, John Taylor, Jr.	St. George
Woolsey, Parley	Escalante

### NORMAL DIPLOMA

Berglund, Ruby	Mayer, Clifford
Bromley, Raymond	Morley, Mabel E.
Burt, Jessie	Newton, Leon
Crawford, Chas. N.	Peterson, Ira L.
Fletcher, Eula	Roylance, Dorthea
Foote, Thomas Earle	Smith, Eliza
Hughes, Leora	Slack, H. Roy
Kling, Joyce	Sumsion, Edda
Knudsen, Ernest E.	Van Wagoner, Louie
Mangelson, Herman	Wright, Ida



**DIPLOMA IN ARTS SUPERVISION**

Barkdull, Philip	Powelson, Loran
Farr, Laura	Romney, Erma
Nielson, Otto T. W.	Van Wagoner, Louie

**NORMAL CERTIFICATE**

Aird, Lyall	Harding, Jennie
Atkin, Annie	Hartley, Mary
Bates, Louis	Hicken, Lizzie
Bean, Eveline	Hinckley, Afton
Bean, Orea	Holmes, Elizabeth
Beck, La Rue	Holman, Ora V.
Blackhurst, Mary	Hullinger, Auleen
Bond, Taylor	Hullinger, Harvey
Boyle, Grace	Ivie, Pearl
Call, Bessie	Jensen, Freda
Caldwell, Ethel	Jobe, Daisy Bell
Calder, Zelph S.	John, Leila
Christensen, Marlow	Jones, Byron
Clayton, Stella	Jones, John G.
Clements, Earl	Kartehner, Rachel
Cox, Thelma	Keeler, Eva J.
Curtis, Ella	Knudsen, Nettie
Egbert, Verda I.	Larsen, Duretta
Evans, Marie	Leavitt, Lea
Ekins, Marie	Lewis, Reva
Farrer, Grace	Lewis, Rudgar R.
Foutz, Leaone	Lindsay, Vera
Graf, Milton	Luke, Nora
Graham, Gladys	Lyman, Verda
Hanchett, Ambrose	McKee, Sara
Hawks, Veda	Marrott, Grace

Meldrum, Martha  
Mitchell, L. William  
Money, Eliza  
Nebeker, Velma  
Newell, Helen  
Nichols, Elmarion H.  
Oldroyd, Irvin  
Olpin, Cora  
Perry, Effie  
Peterson, Leona  
Priestly, Pearl E.  
Probst, Clarence  
Radmall, Reuben  
Reynolds, Gertrude  
Rowe, Glen A.  
Shipp, Elsie

Simmons, Glenn  
Smith, Letha  
Smith, Maude  
Snell, Wm. H.  
Stringham, Irving A.  
Stucki, Esther  
Sumsion, Sara  
Thayn, Mable  
Walker, Leland  
Westrope, Hazel  
Wilson, Blanche  
Winget, Ruby  
Wood, Lucile  
Wride, Mary  
Wright, Hattie A.  
Wright, Laverna

# Enrollment of Students

## SENIORS

Anderson, Archibald Henry	-----	Mona
Anderson, Andrew Martin	-----	Brigham City
Atkin, Henry Randolph	-----	St. George
Aydelotte, John Thirl	-----	American Fork
Brockbank, Joseph Archibald	-----	Spanish Fork
Biddulph, Samuel	-----	Provo
Chipman, Pearl Romney	-----	American Fork
Cluff, Charles Elmo	-----	Provo
Cottam, Walter Pace	-----	St. George
Creer, John Preston	-----	Spanish Fork
Curtis, Nathaniel	-----	Thatcher, Ariz.
Daw, Albert W.	-----	Provo
Dye, Joseph Alma	-----	Basalt, Idaho
Eggertsen, Luther Echart	-----	Provo
Gardner, John Ralph	-----	Salem
Goold, Frank	-----	Monroe
Hafen, Guy	-----	Santa Clara
Hafen, LeRoy	-----	Bunkerville, Nevada
Hales, Hial Milton	-----	Spanish Fork
Hales, Wayne	-----	Provo
Hardy, Le Grand H.	-----	Provo
Hinckley, Robert Henry	-----	Provo
Hubbard, John Clark	-----	Willard
Jensen, Edgar Malendo	-----	Ephraim
Jensen, Christian J.	-----	Ogden
Johnson, John	-----	Preston, Idaho
Jones, Hyrum Pidding	-----	Enoch
Larson, Lottie	-----	Monroe
Monson, Horace Edward	-----	Pleasant Grove
Mortenson, Martin, Jr.	-----	Thatcher, Ariz.
Nelson, Lars Raymond	-----	Provo

Nicholes, Joseph Kelly	American Fork
Nielson, Niels K.	Springville
Pace, Henry Alexander	Price
Peterson, Andrew Christian	Thatcher, Ariz.
Peterson, High Wickman	Ephraim
Rasmussen, Daniel	Mt. Pleasant
Russell, George Oscar	Conejos, Colorado
Reid, Edgar Thomas	Manti
Savage, Nelson Henry	St. George
Smith, Lois	Provo
Snow, Carl Nelson	St. George
Stephens, Fayette E.	Rexburg, Idaho
Storrs, Joseph Bertrand	American Fork
Tew, William Thomas, Jr.	Mapleton
Thomson, Nels Kimball	Ephraim
Walker, Dilworth	Rexburg, Idaho
Weight, Jesse Johnson	Springville
Wilkins, Joseph Ralph	Spanish Fork
Winn, Frank	Nephi
Winn, Herman	Nephi
Woodbury, Matilda	St. George
Woodbury, John Taylor, Jr.	St. George
Woolsey, Parley	Escalante

### JUNIORS

Barkdull, Philip	Meadow
Blizzard, Howard N.	Thatcher, Arizona
Coleman, Knell	Provo
Greene, Jessie	American Fork
Hilton, I. Richard	Pleasant Grove
Irvine, Lael	Provo
Jackson, Elvon	Provo
Knight, Raymond	Kamas
Knudsen, Ernest E.	Provo
Knudsen, Milton H.	Provo
Lewis, Ezma	Park City
Mayer, James	Provo
Mendenhall, Arline	Springville
Mitchell, Chas.	Provo
Morley, Mabel	Eureka



Southwick, Albert J. -----	Provo
Stratton, James G. -----	Provo
Huff, A. Lee -----	Monroe
Webb, Delbert -----	Provo
Wilson, Belle -----	Midway

### SOPHOMORES

Atkin, Irma F. -----	Provo
Austin, Myrtle -----	Idaho Falls, Idaho
Berglund, Ruby -----	Price
Booth, Elsie -----	Provo
Boyle, Clarence S. -----	Knightville
Brandley, Harold -----	Provo
Brinkerhoff, Joseph -----	Provo
Brockbank, J. A. -----	Spanish Fork
Brockbank, Wallace -----	Spanish Fork
Bushman, Silas -----	St. Joseph, Arizona
Butler, D. A. -----	Eagar, Arizona
Calder, Leo -----	Vernal
Carroll, Jos. S. -----	Provo
Childs, Chauncey H. -----	Springville
Clark, G. Rulon -----	Provo
Clark, Stanley -----	Panguitch
Collett, Marie -----	Roosevelt
Crawford, Chas. N. -----	Monroe
Davis, John Clive -----	Vernal
Downs, Claude -----	Provo
Dusenberry, Margaret -----	Provo
Eggertson, Algie -----	Provo
Evans, Chas. E. -----	Panguitch
Evans, Vera -----	Safford, Arizona
Eyre, Floyd -----	Urie, Arizona
Freeman, Laura -----	Salt Lake
Phillips, Lucy -----	Springville
Poulson, Ezra J. -----	Paris, Idaho
Powelson, Loran -----	Provo
Pritchett, Roland N. -----	Fairview
Randall, Leamon -----	Idaho Falls, Idaho

Ratcliffe, Wm., Jr.	Provo
Roylance, Kenneth	Springville
Slack, H. Roy	Provo
Smith, Eliza	Pocatello, Idaho
Snow, Vera	Pine Valley
Sumsion, La Celle	Springville
Talmage, Elsie	Salt Lake City
Tout, Grace	St. Anthony, Idaho
Wilkinson, Eunice	Provo
Wright, Ida	Charleston

### FRESHMEN

Adamson, J. Milton	Pleasant Grove
Aird, Lyall	Provo
Allred, M. Thatcher	Blackfoot, Idaho
Anderson, Otto L.	Heber
Argyle, Virgie	Spanish Fork
Atkin, Annie	St. George
Bates, Harris	Payson
Bean, Eveline	Provo
Bean, Ora	Teton, Idaho
Bean, R. S.	Teton, Idaho
Beck, La Rue	Spanish Fork
Becksbrand, John W.	Meadow
Brigham, Roseltha	Vernal
Black, Pamell	Cowley, Wyoming
Blackhurst, Mary	American Fork
Boud, Taylor	Heber
Bower, Ralph Emerson	Spanish Fork
Boyle, Grace	Knightville
Boyer, Mathilda	Springville
Brimhall, Dicie	Taylor, Arizona
Bromley, Raymond	Mapleton
Brockbank, Merrill J.	Spanish Fork
Buckner, Elmer R.	Provo
Bullock, Ralph	Provo
Bushman, Florence	St. Joseph, Arizona
Bushman, Fred H.	St. Joseph, Arizona
Burt, Jessie	Springville

Butler, Jennie M. -----	Eagar, Arizona
Call, Bessie -----	Heber
Calder, Zelfh S. -----	Vernal
Caldwell, Ethel -----	Vernal
Christensen, Marlow -----	Levan
Clark, Don -----	Provo
Clark, Vernon J. -----	Georgetown, Idaho
Clayton, Stella -----	Provo
Clegg, Cardwell H. -----	Heber
Clements, Earl -----	Springville
Clift, Vyvyan B. -----	Provo
Cooper, R. N. -----	Fillmore
Callard, H. L. -----	Ft. Green
Coleman, Willamelia -----	Provo
Cox, Thelma -----	Provo
Cox, Le Roy -----	St. George
Crandall, Glen -----	Provo
Croft, Glen -----	Cowley
Cropper, Edna -----	Deseret
Cropper, Fannie H. -----	Hinckley
Curtis, Ella -----	Richfield
Egbert, Verda I. -----	Sandy
Ekins, Mabel -----	Provo
Ekins, Marie -----	Provo
Evans, Dean -----	Spanish Fork
Evans, Marie -----	Panguitch
Farrer, Grace -----	Provo
Farr, Laura -----	St. John, Arizona
Faux, Eugene H. -----	Moroni
Fernsten, Edward L. -----	Benjamin
Finlayson, Birdwell -----	Provo
Flake, Nellie -----	Snowflake, Arizona
Fletcher, Eula -----	Provo
Foote, Thomas Earl -----	Provo
Foutz, Leone -----	Pleasant Grove
Freckleton, Raymond -----	Provo
Frisby, Carl E. -----	Provo
Gardner, Cora -----	Spanish Fork
Gardner, Glenn -----	Thistle

Gardner, Ivie M.	Pine Valley
Graf, Milton	Santa Clara
Graham, Gladys	Fairview
Gregerson, James S.	St. George
Groesbeck, Rhoda	Springville
Gurr, John	Parowan
Hales, Howard J.	Spanish Fork
Hales, Leo	Spanish Fork
Harding, Jennie	Provo
Harmon, Ardell	Provo
Harris, Loda	Dublan, Mexico
Hartley, Mary	Provo
Hawks, Alta	Portage
Henroid, Leone	Eureka
Hicken, Lizzie	Heber
Hickman, Lenore	Castle Dale
Hilton, Eugene	Hinckley
Hinckley, Afton	Hinckley
Holdsworth, William J.	Lehi
Holmes, Elizabeth	Provo
Holman, La Verne	Fountain Green
Holman, Ora	Pleasant Grove
Holt, Jean	Provo
Hopkins, Donna	Provo
Houtz, Bessie	Springville
Huff, William Lee	Moab
Hughes, Leora	Spanish Fork
Hulick, Thelma	Provo
Hullinger, Auleen	Vernal
Hullinger, Harvey	Vernal
Ivie, Pearl	Salina
Jacobson, Alfred J.	Oak City
Jennings, J. R.	Taylor, Arizona
Jensen, Freda	Provo
Jobe, Daisy	Provo
Johnson, Elinor,	Benjamin
Johnson, Frank	Provo
Johnson, Rex	Huntington
Jones, Byron	Provo
Jones, Florence	Spanish Fork



Jones, John G.	Provo
Jones, Leah	Provo
Kartchner, Rachel	Provo
Keeler, Eva Josephine	Provo
King, Myrtle	American Fork
Kling, Joyce	Provo
Lambert, F. Jr.	Kamas
Larson, Clinton	St. George
Larson, Duretta	Salina
Leavitt, Lea	Bunkerville
Lewis, John R.	Spanish Fork
Lewis, Reva	Spanish Fork
Lewis, Rudgar R.	Cowley, Wyoming
Lindsay, Vera	Heber
Lisombee, Margy	Provo
Luke, Nora	Heber
Lyman, Verda	Parowan
McAllister, Richard	Pleasant Grove
McKee, Sarah	Vernal
Marrott, Grace	Pleasant Grove
Meldrum, Martha	Provo
Miner, Vanda	Springville
Mitchell, William L.	Parowan
Moody, Marvin J.	Hinckley
Moore, Oro H.	Payson
Moosman, David	Vernal
Money, Eliza,	Spanish Fork
Morris, Lawrence	Mesa, Arizona
Mortenson, J. Leo	Thatcher, Arizona
Murdock, Cora	Heber
Newell, Helen	Provo
Nielson, Otto T. W.	Manti
Oldroyd, Irvin	Fountain Green
Oliver, William A.	Provo
Ollerton, Milton L.	Parowan
Olpin, Ray A.	Pleasant Grove
Olpin, Belle	Pleasant Grove
Olpin, Cora	Pleasant Grove
Perry, Effie	Springville
Peterson, Leona	Richfield

Pierpont, Clifford	Provo
Priestley, Pearl	Provo
Probst, Clarence	Midway
Probst, Karl L.	Midway
Pyne, Herbert S.	Provo
Pyper, Harold	Heber
Radmall, Reuben	Pleasant Grove
Rasmussen, E. R.	Pleasant Grove
Rasmussen, Grand	Vernal
Ratcliffe, Bessie	Provo
Reynolds, Gertrude	Springville
Richards, Morel A.	Pleasant Grove
Roberts, Geneve	Provo
Roberts, Dora	Paris
Robersen, C. Ray	Springville
Robertson, Glenn D.	Spanish Fork
Romney, Erma	Provo
Rowe, Glen A.	Spanish Fork
Roylance, Dortha	Springville
Roylance, Jesse	Springville
Schofield, John L.	La Grande, Oregon
Searle, Vernon	Provo
Shipp, Elsie	Eureka
Simmons, Glen	Payson
Smith, B. Glen	Spanish Fork
Smith, J. Wm., Jr.	Provo
Smith, Letha	Provo
Smith, Maude	Springville
Smith, Saphronia	Snowflake, Arizona
Snell, W. H.	Cowley, Wyoming
Spafford, Marie	Provo
Staples, Grant D.	Kanosh
Steedman, Andrew K.	Mammoth
Stevens, Clara	Holder
Storrs, Winifred	Springville
Stringham, Irving Ray	Vernal
Strong, Hewitt	Provo
Stucki, Esther	Santa Clara
Sumsion, Edda	Chester
Sumsion, Sara	Chester

Sutherland, Virginia	Provo
Tanner, Olive	Payson
Thayn, Mable	Heber
Thomas, Burke	Eureka
Thornton, Rollo	Pleasant Grove
Tout, Jane	St. Anthony, Idaho
Van Wagoner, Louis	Provo
Walker, Leland	American Fork
Wanlass, W. Ewell	Eureka
Watson, Blaine	Mt. Pleasant
Westrope, Hazel	Provo
Whiting, John M.	Mapleton
Williams, Edgar M.	Provo
Wilson, Blanche	Richfield
Winn, Kenneth	Nephi
Wing, Bennett	Springville
Winget, Ruby	Monroe
Wood, Lucile	Nephi
Woolsey, Chas.	Escalante
Woolsey, Earl	Escalante
Wride, Mary	Payson
Wright, Laverna	Hinckley
Wright, Hattie A.	Levan

### SPECIALS—CORRESPONDENCE AND EXTENSION

Allen, Inez K.	Provo
Andelin, Marian	Provo
Archibald, G. R.	Provo
Argyle, Ben E.	Spanish Fork
Ashworth, Claude S.	Provo
Bailey, Mrs. O. W.	Provo
Bailey, Ora	Provo
Bean, Flfie	Provo
Boyle, May K.	Provo
Bulkley, W. F.	Provo
Bushman, Ruia A.	Provo
Butler, Harry	Provo
Cardall, Hannah J.	Provo
Clark, Herald R.	Provo

Clark, Susie Mae	Pleasant Grove
Collett, Gertrude	Roosevelt
Cooper, La Rene	Pleasant Grove
Cottam, Effie F.	St. George
Creer, John Preston	Spanish Fork
Day, Heloise	Provo
Dotson, Euphemia	Provo
Dougall, Emma	Springville
Durrant, Agnes	Provo
Eggertson, Eudora E.	Provo
Eggertson, Annie N.	Provo
Ekins, Leah	Provo
Elliott, Vilate	Provo
Eyring, Fern Chipman	Provo
Fenton, Estella	Pleasant Grove
Fields, Ruby	Eureka
Gardner, Eva	<b>Pine Valley</b>
Gardner, J. R.	Richfield
George, J. M.	Provo
Gardner, Maggie	Pine Valley
Gilchrist, Olive Y.	Provo
Harris, Lottie	Provo
Harvey, Lucile M.	Pleasant Grove
Hatch, Mary	Vernal
Haws, F. O.	Garland
Hedquist, Tillie Foster	Provo
Hickman, J. J.	<b>Provo</b>
Holmes, Mary	Provo
Houtz, Vivien G.	Provo
Howe, Ada	Provo
Huish, A. E.	Provo
Huish, Mamie	Provo
Hyde, O. W.	Provo
Irvine, Daisy	Provo
Jensen, Julia B.	Provo
Jensen, J.	Provo
Johnson, Mrs. C. R.	Provo
Johnson, Mrs. Ellis	Huntington
Johnson,	Provo
Jones, Josephine C.	Provo



Jones, La Real	Provo
Jones, Lizzie	Provo
Kartchner, M. E., Jr.	Provo, R.D.
Kelsey, Effie	Springville
Larsen, Geo. W.	Pleasant Grove
Leigh, R.	Provo
Lee, Ethel	Springville
Lewis, Lucile	Provo
Lindsay, Elizabeth	Provo
Lindsay, Ruth	Pleasant Grove
McLean, Fanny	Provo
Markham, Mary	Provo
Maycock, Willda	Springville
Maycock, Luella	Springville
Mendenhall, Mary	Springville
Merril, Lydia S.	Provo
Monson, Bernice, Smith	Pleasant Grove
Morton, Bertha	Pleasant Grove
Nelson, Maud N.	Provo
Newman, Bessie A.	Pleasant Grove
Nuttall, Annie	Provo
Olsen, C. P.	Mt. Pleasant
Olsen, Geo. F.	Mona
Page, Mrs. R. R.	Provo
Peterson, Hermese	Provo
Pierce, Myrtle	Springville
Poulson, M. Wilford	Provo
Powell, Mae	Springville
Rasmussen, N. G.	Pleasant Grove
Rowland, Hannah	Springville
Shoell, Dezzie	Pleasant Grove
Smith, S. Burton	Pleasant Grove
Snow, Pearl	Provo

Snow, Wm. J. -----	Provo
Southwick, Edna -----	Provo
Swenson, Wilford -----	Provo
Taylor, Arthur D. -----	Provo
Taylor, Nellie T. -----	Provo
Wakefield, J. F. -----	Provo
Walker, Robt. -----	Pleasant Grove
Ward, May -----	Provo
West, Jennie A. -----	Pleasant Grove
West, Viola -----	Pleasant Grove
White, Lola B. -----	Springville
Wood, Virginia -----	Provo
Worsley, Sadie P. -----	Provo

# Candidates for Graduation from High School

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## ACADEMIC DEPARTMENT

Arthur, Vaughn	Leitham, Alta
Bachman, Ireta	Maiben, Fenton
Beck, La Rue	McAllister, Richard W
Buckner, Elmer	Orr, Wm. Wallace
Chipman, Elva	Paulson, Guy W.
Cropper, Edna	Patten, Mildred
Dunn, Ralph C.	Probst, Karl Lorenzo
Gardner, Rex	Pyper, Harold
Gardner, Silver Glenn	Searle, Lorean
Gibson, Arthur E., Jr.	Stubbs, Roy
Heywood, Ida	Smith, Jessie
Heywood, Lawrence	Thomas, Wm. Wallace
Hopkins, Donna	Williams, Carrie Mae
Iverson, Vernee H.	Williams, Clara Belle
Johnson, Frank	Wanless, W. Ewell

## DEPARTMENT OF BUSINESS EDUCATION

Clayton, Orvil H.	Johnson, Rex
Crandall, S. Lewis	Mangum, Woodruff
Gray, Seymour	Mangelson, Herman
Greer, Clarence P.	Manwaring, Horace
Heywood, Lawrence	Mildenhall, John
Holt, Florence	Slack, Heber M.
Huish, F. Elbert	Vincent, Paul D.
Hurst, Guy H.	Wanlass, W. Ewell
John, Howard D.	Wunderly, Ernest

**DEPARTMENT OF ART AND MANUAL TRAINING**

Clift, Vyvyan B.

Hyde, Elaine

Kilfoyle, Fred M.

Maiben, Fenton M.

Parry, Genevieve

Scorup, Edna

**MUSIC DEPARTMENT**

Bingham, Roseltha

Chipman, Elva

Jensen, Freda

King, Myrtle

McAllister, Richard W.

Moody, Norma

Morley, Mabel E.

Newell, Helen

Robinson, Samuel B.

Robertson, LeRoy

Smith, J. Wm., Jr.

Tout, Grace Tulford

**DEPARTMENT OF AGRICULTURE**

Crowther, Lewis O.

Lundell, C. Edgar



# Enrollment of High School Students

## FOURTH YEAR

Allred, Odessa	Lehi
Anderson, Earl	Provo
Backman, Ireta	Provo
Bonnett, Stanley	Provo, R. D.
Bown, Miles	Provo
Brimhall, Afton	Provo
Brown, Allen	Mammoth
Brown, Theodocia	American Fork
Burr, Le Earl	Provo, R. D.
Carter, Albert J.	Provo
Carter, Vera	Provo
Chipman, Elva	American Fork
Clark, Fred	Provo
Clayton, A. H.	Provo
Cluff, D. Theon	Provo
Crandall, Grant L.	Provo
Crandall, Lewis	Provo
Crowther, Lewis O.	Provo
Cruser, Francis	Egin, Idaho
Daley, David	Provo
Dunn, Ralph C.	Provo
Durham, Orton	Parowan
Eggertson, Grant	Provo
Eggertson, Ralph M.	Provo
Ellertson, D. Reed	Mona
Erickson, Claris	Hinckley
Fleming, Lysle	Provo
Foote, Valera	Provo
Gardner, Rex	Pine Valley
George, Edna	Provo
Gibson, Arthur	Storrs, Utah
Gray, Seymour	Provo

Greer, C. P.	Provo
Harris, Ireta	Provo
Harris, Violet	Pocatello, Idaho
Heywood, Ida	Panguitch
Holladay, Reed	Santaquin
Holt, Florence	Provo
Hurst, Guy	El Paso, Texas
Hyde, Elaine	Pocatello, Idaho
Irvine, Ralston, R.	Provo
Iverson, Vernee	Salem
John, Howard	Provo
Lambert, Jas.	Kamas
Leetham, Alta	Provo
Lindsay, S. R.	Heber
Lichfield, Wm.	Goshen
Loveless, Max	Provo
Lund, Weber	Ephraim
Lundell, Edgar	Benjamin
McDonald, Preston	Glendale
Maiben, Fenton	Provo
Manwaring, Estella	Provo
Manwaring, Horace	Provo
Mangum, Woodruff	Provo
Mathews, Phil	Provo
Mildenhall, John	Provo
Mix, La Rue	Provo
Moody, Norma	Deseret
Nelson, Frven	Provo
Nelson, Henry A.	Provo
Ollerton, Fay	Parowan
Ollerton, Preston	Provo
Orrock, Beatrice	Midway
Pack, De Var M.	Kamas
Parry, Genevieve	Elsinore
Patten, Mildred	Provo
Paulson, G. W.	Sanford, Colorado
Pierpont, Naomi	Provo
Potts, Ranchie	Kamas
Pyne, Sterling	Provo

Raile, Theo.	Provo
Rasmussen, Wilford	Provo
Redd, A. J.	Blanding
Reynolds, Will	Springville
Roberts, Murray K.	Provo
Robertson, Le Roy J.	Fountain Green
Robinson, S. B.	Coalville
Russell, Melvin	St. Johns
Scorup, Edna	Bluff
Searle, Lorean	Provo
Slack, Dora	Provo
Slack, Heber M.	Provo
Smith, Emma	Provo
Smith, Jessie	Pocatello, Idaho
Sowards, Elsie	Manassa, Colorado
Starr, Howard Le Roy	Provo
Stewart, Eva	Roosevelt
Stowell, Eugene	Provo
Stubbs, Roy	Provo
Taylor, Julia	Provo
Thomas, Wallace	Provo
Thurmond, Myrteen	Provo
Tucker, Harold	Provo
Van Wagenen, Cloa	Provo
Vincent, Paul D.	Salt Lake City
Williams, Belle	Provo
Williams, Carrie	Provo
Williams, Lucile	Provo
Wilson, Edith	Midway
Wunderly, E. E.	Salt Lake City

## Third Year

## A

Abegg, Eli	Tucson, Arizona
Anderson, Florence	Provo
Anderson, Hazel	Annabella
Anderson, Oscar	Provo
Anderson, Uarda	Salina
Arthur, Vaughn	St. Johns
Ashby, Mary	Vernal

## B

Bailey, Kenneth	Provo
Banks, Merrill	Ivins, Idaho
Beckstead, George S.	Provo
Bird, Cromwell	Pocatello, Idaho
Bonnett, Glenn	Provo
Brereton, Clarence	Provo
Brimhall, Enos	Provo
Brimhall, Paul	Provo
Broadbent, Fern	Provo
Broadhurst, Willis	St. Anthony, Idaho
Brown, Earl N.	Provo
Bunnell, Elwood	Provo
Bunnell, Leona	Provo

## C

Carter, Denzil	Provo
Chipman, Camille	Magrath, Canada
Chipman, Stella	Magrath, Canada
Christensen, Perry	Monroe
Clark, Elden	Panguitch
Cluff, Orus	Provo
Collins, Stanley	Provo
Creer, Lora	Provo



**D**

Davis, Otto	-----	Benjamin
Decker, Feramorz	-----	Provo
Dunn, Vilate	-----	Provo

**E**

Edwards, Lacy	-----	Charleston
Eggertson, Thelma	-----	Provo
Ellison, Albert	-----	Provo

**F**

Ferguson, Elsie	-----	Provo
Ferguson, Marie	-----	Provo
Fletcher, Zoe	-----	Provo
Fowers, Alfred	-----	Provo

**G**

Gatherum, Willard	-----	Provo
Gerber, Lyman,	-----	Vernal
Gilbert, Wilford	-----	Clear Creek
Goodridge, Maurine	-----	Provo
Golden, Louise	-----	Nephi
Graham, Que	-----	Fairview
Griffith, Lewis	-----	Minersville

**H**

Hale, Mary E.	-----	Provo
Hall, Ireta	-----	Moab
Harmer, Earl W.	-----	Provo
Harris, Franklin	-----	El Paso, Texas
Harris, George	-----	Provo
Heaton, Terrence	-----	Ordersville
Hoover, Jean	-----	Provo

Hoover, La Rhea	Provo
Hortin, Genevieve	Oakley
Howe, Velma	Provo
Hunter, Velma	Holden
Huish, La Vieve	Provo

## J

Jacobsen, Vera	Provo
Jensen, Evart J.	Ephraim
Johnson, Elsie	Benjamin
Johnson, Delia	Benjamin
Johnson, Greta	Provo
Johnson, Matey	Kanab
Johnson, Rose	Mesa, Arizona
Jolley, Lila	Provo
Jones, Veoma	Provo
Jones, Viril S.	Provo

## K

Kartchner, Lyman	Provo
Kay, Lee	Mona
Kay, Lester	Mona
Keeler, David H.	Provo
Keeler, Ralph	Provo
Kerr, Kenneth	Provo
Knell, Iva	New Castle
Knudsen, Furnessia	Provo

## L

Lewis, Anna	Mesa, Arizona
Louis, Nettie	Minersville
Loveridge, Joseph	Provo
Lytle, Roy E.	Ursine, Nevada

## M

McIntosh, Donald	Provo
McKell, H. B.	Spanish Fork
McKell, Leonard	Spanish Fork
Martain, Mary	Springville
Maw, Irene	Plain City
Meldrum, Madia	Provo
Meldrum, Hazel	Provo
Mildenhall, Leona	Provo
Miller, Dutton	Provo
Mitchell, Eva	Parowan
Murdock, Claude	Charleston

## N

Nelson, Andrus	Moroni
Nesbit, Vivian	Provo
Nuttall, Freda	Provo

## O

Oldroyd, Luella	Fountain Green
Olson, J. G.	Magna
Orr, Wallace	St. Johns
Osmond, Wendell	American Fork

## P

Partridge, Ruth	Provo
Peterson, Wilford	Sanford, Colorado
Phelps, Wm.	Provo
Philips, Aline	Provo
Powelson, Donnel	Provo
Pyper, Leroy	Provo
Pyne, Thomas M.	Provo

## R

Rawson, Oralie	Provo
Ray, Marion	Provo
Ray, Norene	Provo
Reese, Gordon	Provo
Reese, LaPriéal	Provo
Roberts, Bertha D.	Redmesa, Colorado
Roberts, D. H., Jr.	Provo
Roberts, H. D.	Provo
Roberts, Hattie	Provo
Roberts, LeRoy H.	Provo
Roberts, Paul	Provo
Robbins, Pearl	Provo
Romney, Frank	Provo
Russon, Joseph	Lehi

## S

Selek, Millie	Lewisville, Idaho
Smart, Thelma	Provo
Smith, Daphne	Provo
Spafford, Emma	Provo
Stevens, Hazel	Provo
Stubbs, Donald	Provo
Sutherland, Leo	Provo

## T

Taylor, Albert R.	Provo
Taylor, Alden	Provo
Taylor, Elma	Provo
Taylor, Hyrum	Provo
Thorn, Earl	Springville
Thornton, Kennedy	American Fork
Tiffany, Elva	Provo
Tolboe, Vernon	Provo



## V

Van Wagenen, Glen ----- Provo

## W

Wilcox, Angus ----- Huntington  
 Willis, D. J. ----- Cowley, Wyoming  
 Wilson, R. Arthur ----- Midway  
 Wood, LaRue ----- Provo  
 Woffinden, Ernest ----- Rupert, Idaho  
 Woolsey, J. E. ----- Escalante  
 Wright, Sarah ----- Charleston

## Y

Young, Eddie ----- Provo  
 Young, Gladys ----- Provo  
 Young, Marjorie ----- Salt Lake City

## Second Year

## A

Allred, Clarence ----- Provo  
 Allen, Alta ----- Tabiona  
 Allen, Harold ----- Tabiona  
 Anderson, Annie ----- Levan  
 Anderson, Darrel ----- Provo  
 Anderson, Loren ----- Cedar Fort  
 Armitstead, Reo ----- Provo

## B

Bean, Devena ----- Teton, Idaho  
 Bean, Sterling ----- Provo  
 Beckstead, Golda ----- Provo

Bentley, Howard	Parowan
Bentley, Wilford	Parowan
Blazzard, Charlotte	Thatcher, Arizona
Black, Lasca	Escalante
Bown, Elton	Fayette
Bown, Lucile	Provo
Brimhall, W. W.	Provo
Brown, Harold	Provo
Buhler, Walter	Midway
Bushman, Bliss	Provo

**C**

Carter, Marva	Provo
Chamberlin, Beth	Provo
Clayton, F. W.	Provo
Clinger, Leland	Provo
Cluff, Goldwin	Provo
Coleman, Vernell	Midway
Cox, Emma Jean	Provo
Crawley, Carlyle	Provo
Crowther, Osmond	Provo

**D**

Dalby, Mabel	Levan
Davis, Lenore	Provo
Davis, Paul	Vernal
Davis, Roscoe	Benjamin
Dotson, Harry	Minersville

**F**

Finch, Thos.	Provo
Fjelsted, Gilb. L.	Centerfield
Fuller, Nina	Provo

## G

Goodman, J. Russell	Provo
Graham, J. A.	Provo
Gurr, Junius	Parowan

## H

Hansen, Cleo	Fountain Green
Harding, Paul L.	Provo
Harris, Sterling	Provo
Harper, Tabettha	Provo
Hartley, Elma	Provo
Hatch, Chas.	Vernal
Hathenbrook, Bert	Provo
Hedquist, Walter	Provo
Hendrickson, LaVon	Provo
Higgs, DeLila	Provo
Holman, Wallace	Provo
Holt, Reed	Provo
Hoover, Le Roy	Provo
Hortin, Forest	Oakley
Houston, Steiner	Panguitch
Huff, Archie	Tremonton
Hunter, Elza	Holden
Hunter, Orzle	Holden

## J

Jacobson, Evan	Oak City
Johnson, Venice	Provo
Jolly, Effie	Duchesne
Jones, Lysle	Provo
Jones, G. Victor	Nephi

## K

Keyte, Clyde	Mona
Kuhni, Paul	Midway

## L

Lewis, Edna	Provo
Lloyd, Chas. E.	St. Anthony, Idaho

## M

McIntosh, Marie	Provo
Manwaring, Ora	Provo
Markham, Aldus	Provo
Maw, Marylene	Provo
Meldrum, Florence	Provo
Meservy, Edw. S.	Provo
Miller, Angus B.	Spanish Fork
Mitchell, Le Roy	Parowan
Mix, Dorothy	Provo
Moyle, Ida	Alpine
Muir, Hazen	Gray, Idaho

## N

Needham, Bessie	Provo
Nelson, Della	Provo
Newell, Afton	Provo
Nielson, Ernest	Mapleton
Oldroyd, Terry	Fountain Green

## O

Olsen, Lawrence	Fountain Green
Olsen, Kate	Emery
Olsen, Maurine	Provo
Openshaw, Lynn	Provo
Osborne, Pratt	Spring City

## P

Peck, Mina	Lehi
Pritchett, Jessie	Provo
Probst, Joseph	Midway



## R

Richardson, Belle	Ferron
Richardson, Pearl	Ferron
Richardson, Weslie	Benjamin
Rozelle, Ruth	Provo
Roylance, Enid	Provo

## S

Saxey, Mabel	Provo
Selek, Christine	Lewisville, Idaho
Snyder, Nellie	Provo
Sorensen, Leah	Fountain Green
Sorenson, Orion	Axtell
Stevens, George E.	Provo
Spencer, Vard	Indianola
Stone, Frank U.	Salem
Stowell, Wm. C.	Provo
Sutton, Lloyd	Provo
Swenson, Starr	Provo

## T

Taylor, Elmer	Loa
Taylor, Elton	Provo
Taylor, Lillian	Provo
Taylor, Marion R.	Provo
Taylor, Roy	Goshen
Thomas, Madge	Provo

## W

Washburn, Guy	Blanding
Whiting, Randall	Mapleton
Wilkinson, J. Walter	Provo
Williams, Venice	Provo
Woffinden, Edwin	Rupert, Idaho
Woffinden, Franklin B.	Rupert, Idaho
Wyman, Marie	Provo

## Y

Young, Marion ----- Provo

## First Year

## A

Adams, Della ----- Parowan  
 Adams, Paulina ----- Parowan  
 Allred, Lois ----- Spring City  
 Allen W. Eugene ----- Charleston  
 Allen, Frank ----- Charleston  
 Allen, Zelda ----- Alamo, Nevada  
 Anderson, Byron ----- Annabella  
 Anderson, Frank ----- Garland  
 Anderson, Mercer ----- Provo  
 Anderson, Ray H. ----- Magrath, Canada  
 Arthur, Ross ----- St. Johns

## B

Banks, Arthur J. ----- Spanish Fork  
 Banks, Lovern ----- Provo  
 Bean, Leah ----- Teton, Idaho  
 Beck, Osmer H. ----- Spring City  
 Berry, Thressa ----- Provo  
 Billings, Lavon ----- Duchesne  
 Billings, Vivian ----- Provo  
 Bird, Robert ----- Pocatello, Idaho  
 Blain, Arthur ----- Spring City  
 Boam, George ----- Cumberland, Wyoming  
 Brockbank, Orlon ----- Huntington  
 Brown, J. Lyman ----- Provo  
 Burton, Miriam ----- Parowan  
 Busby, Mary ----- Provo

**C**

Carlisle, Glenn	Alpine
Cheever, Grace	Provo
Clark, Emmet	Springville
Collard, Leah	Fountain Green
Collard, Robert C.	Fountain Green
Copenig, Ellen	Provo
Copenig, Mary	Provo
Corbett, Alvin	Provo
Crandall, Fred L.	Provo
Creer, Lenn A.	Provo
Croff, James. A.	Provo
Crosland, Lawrence	Holden

**D**

Daley, James	Pleasant View
Dalton, Beatrice	Parowan
Dalton, Harrel	Parowan
Davis, Boyd	Provo
Davis, Ruth	Provo
Davidson, L. E.	Fort Bridger, Wyo.
Dixon, Maud	Provo

**E**

Ekins, Ray	Provo, R. F. D.
Evans, Lamar	Provo
Eyre, Clifford	Urie, Wyoming

**F**

Farnsworth, Idella	Kimberley, Idaho
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**G**

Gardner, Thelma	Thistle
Gates, Loyd	Escalante

Giles, Leah	Provo
Glazier, Lyle	Provo
Griffin, Ernest D.	Escalante
Guyman, La Fayette	Provo

## H

Hansen, Ruth	Fountain Green
Hansen, Winnie	Benjamin
Harder, Hudessa	St. Anthony, Idaho
Harris, Ivy	Provo
Hatch, Ralph	Taylor, Ariz.
Haws, Verl A.	Provo
Heaps, Lorenzo	Teasdale
Heaton, Gerald E.	Orderville
Hinckley, George E.	Provo
Huff, Riley	Tremonton
Hunter, Emmit	St. Anthony, Idaho
Huish, Alberta	Provo

## I

Ingram, John S.	Provo
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## J

Jacobsen, Zelda	Fountain Green
Janson, Verona	Provo
Jensen, Afton	Magrath, Canada
Jensen, Izola	Ephraim
Jensen, Tony	Rice, Colorado
Jenkins, May A.	Provo
Johnson, Jeanette	Mesa, Arizona
Johnson, Lawrence	Benjamin
Johnson, Reginald	Provo
Johnson, Violet	Provo

## L

Larson, Martha	Bloomington, Idaho
Le Baron, Jennie Leota	Colonia Dublan, Mexico



Le Baron, Grover C. -----	Colonia Dublan, Mexico
Lewis, Birda -----	Vernal
Liechty, Brigham -----	Provo
Lloyd, Lucille -----	St. Anthony, Idaho
Ludlow, Agnes -----	Benjamin
Lowder, Camille -----	Parowan
Lowder, Clair -----	Parowan

**M**

McEwan, Alberta -----	Provo
Madsen, Urban -----	Fountain Green
Martain, Amy -----	Springville
Markham, Fred H. -----	Provo
Meldrum, Ralph -----	Provo
Menlove, Beulah -----	Provo
Mitchell, John -----	Parowan
Moore, Iona -----	Provo
Muhlestein, Grace -----	Somerset, Colorado
Mullins, Nettie -----	Vernal

**N**

Nelson, Bennion -----	Provo
Nielson, H. Lovell -----	Provo
Neilson, Merrill -----	Magrath, Canada
Nilsson, Edwin H. -----	Sterling, Idaho
Nuttall, Velma -----	Provo

**O**

Ollerton, Sadie -----	Parowan
Olsen, Elden -----	Fountain Green

**P**

Pace, Alta -----	Loa
Paxman, Clarence -----	Nephi

Peck, Hazel	Lehi
Peterson, Erma	Provo
Philips, Pauline	Provo
Philips, Ruby	Provo

## R

Ramsey, Frank	Provo
Ray, Calvin	Provo
Redden, Annie	Provo
Reynaud, Joseph	Provo
Roundy, Amanda	Provo

## S

Scorup, Veda	Bluff
Seline, Edith	Benjamin
Slack, Ellis N.	Provo
Smith, June	Provo
Snow, Pearl	Provo
Sorensen, Marie	Redmond
Southwick, Ruth	Provo
Spafford, Vera M.	Annabella
Stein, Edith V.	Provo
Stewart, Wendell L.	Benjamin
Stratton, John B.	Provo
Sutherland, Zella	Provo
Swenson, Carl	Provo

## T

Tanner, Arthur	Kirtland, New Mexico
Taylor, Arthur C.	Loa
Taylor, Della	Provo
Taylor, Henrietta	Provo
Taylor, Theodore	Provo
Taylor, Vera	Provo

Thompson, Pauline	-----	Provo
Thorn, A. C.	-----	Springville
Tolboe, Clifton	-----	Provo

V

Van Wagenen, Rulon	-----	Provo
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W

Welker, Raymond	-----	Cedar Valley
Whitlock, Virginia	-----	Mayfield
Wilcox, Cleon J.	-----	Enterprise
Williams, Lyman	-----	Central
Wilson, Sanford	-----	Midway
Woods, Myrtle	-----	Provo
Woodward, Don	-----	Monarch
Woolsey, J. E.	-----	Escalante

Y

Young, Vera	-----	Provo
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